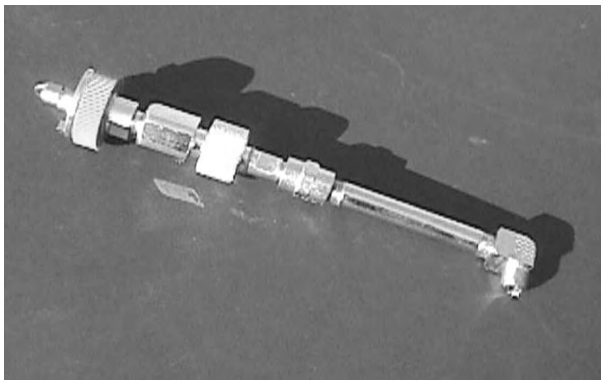
Vacuum Ceiling Column Adapters



#32-22110100 Column Adapter, Vacuum, Chemetron Quick Connect (Rect. Striker) x 1/8" NPT Male.
#32-22110101 Column Adapter, Vacuum, Ohmeda Quick Connect x 1/8", NPT Male.
#32-22110102 Column Adapter, Vacuum, Puritan-Bennett Quick Connect x 1/8" NPT Male.
#32-22110103 Column Adapter, Vacuum, D.I.S.S. Female x 1/8" NPT Male.
#32-22110104 Column Adapter, Vacuum, Chemetron Quick Connect (Round Striker) x 1/8" NPT Male.

Disposable Bacterial Filter Plus

ITEM NUMBER		Description
#18-01903100	3/Pkg	Filter, 1/8" Male x 1/4" hose barb
#18-01903928	3/Pkg	Filter, 1/4" hose barb x 1/4" hose barb

This disposable filter is designed to help protect the vacuum system from contamination due to aerosols or collection bottle overflow. This high efficiency bacterial filter features a hydrophobic, microporous membrane which filters air with maximum efficiency while helping to block the flow of aqueous fluids and aerosol contaminants.

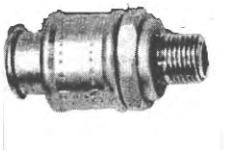
Filter efficiency is superb: 99.9% D.O.P. retention (.3 micron particle size).

Filters are available with 1/8" NPT Male pipe thread on one end to connect to most any vacuum regulator and a 1/4" hose barb for connection of vacuum tubing.

#18-01-90-3928

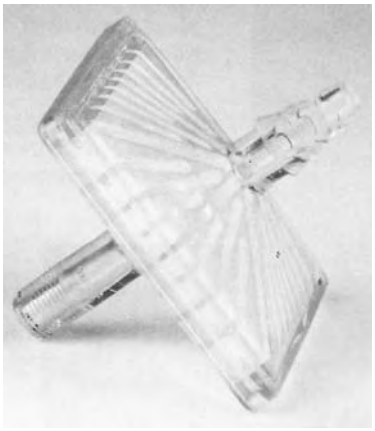
QUICK SHUT-OFF VALVES
#32-22100009

D.I.S.S. Male thread attaches to suction bottle assemblies. The serrated hose stem then permits hose or tubing attachment.



QUICK SHUT-OFF VALVES
#69-20400

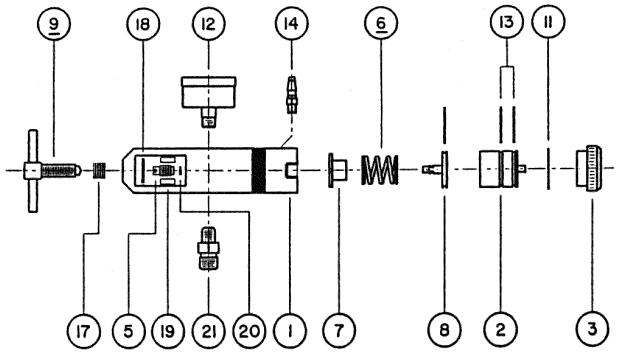
1/8" NPT Male to 1/8" NPT Female. Used with vacuum adapter to allow conversion of suction regulators to quick connect adapter with shut-off feature.



#18-01903100

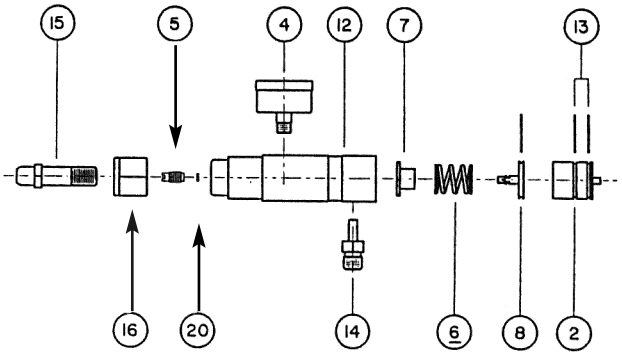
Regulator 870 Yoke

Item	Item Number	Description
1.	#BR-R1001	Regulator Body
2.	#BR-R1002	Flowmeter Assembly
3.	#BR-R1003	Knob and Numbers, Label and Clip Spring
4.	#BR-R1004	Regulator Body only for H.P. Outlet Check Valves
5.	#BR-R1005	Orifice
6.	#BR-R1021	Piston Spring
7.	#BR-R1006	Manifold Hex
8.	#BR-R1007	Piston Assembly
9.	#69-20338	"T" Handle
11.	#BR-R1011	Snap Ring 1-1/8" Diameter
12.	#69-20012	Contents Gauge
13.	#BR-R1013	O-Ring, (2/Pkg)
14.	#BR-R1014	Barbed Outlet
17.	#BR-R1017	Heil Coil
18.	#69-21493	Stat-O-Seal Washer - used exclusively on B&F 81000, 82000, 87000 Series Regulators, 10/Pkg
19.	#BR-R1019	Index Pins for Oxygen (2)
20.	#BR-R1023	Filter
21.	#BR-R1022	H.P. Outlet Check Valves



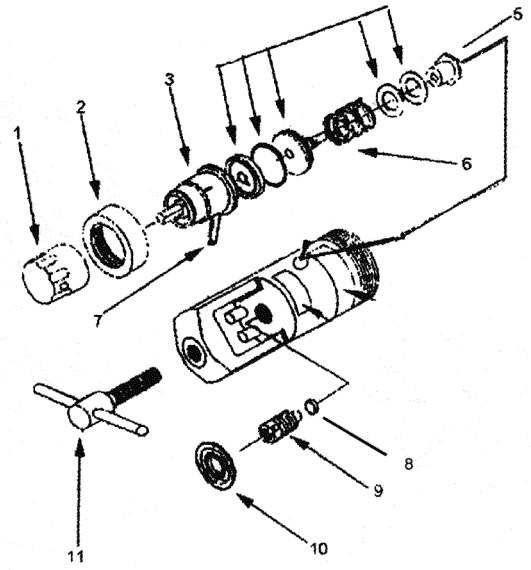
Regulator "H" Body 540 CGA

Item	Item Number	Description
2.	#BR-R1002	Flowmeter Assembly
3.	#BR-R1003	Knob and Numbers, Label and Clip Spring
4.	#69-20012	Contents Gauge
5.	#BR-R1005	Orifice
6.	#BR-R1021	Piston Spring
7.	#BR-R1006	Manifold Hex
8.	#BR-R1007	Piston Assembly
11.	#BR-R1011	1-1/8" Diameter Snap Ring
12.	#BR-R1012	Regulator Body, only
13.	#BR-R1013	"O" Ring, 2/Pkg
14.	#BR-R1024	D.I.S.S. Connection
15.	#69-20463	Pipe Threaded, Stem
16.	#69-20468	Hex Nut 540



CHEMETRON "Click" Style

Item	Description	Part Number
1.	Knob 0-8 LPM	#32-32905003
	0-15 LPM	#32-32905002
	0-25 LPM	#32-32901165
2.	Collar	N/A
3.	Flowmeter Assy. 0-8 LPM	#32-32905005
	0-15 LPM	#32-32905004
	0-25 LPM	#32-32901222
4.	Interface Kit (Kit includes 3 of each item)	#32-32905009
5.	Manifold	N/A
6.	Spring	N/A
7.	Barb Outlet	#32-32905995
8.	Filter	N/A
9.	Filter Retainer	#32-32905008
10.	Yoke Washer, Rubber	#69-21493 (10/pk)
11.	Tee Handle	#69-20338

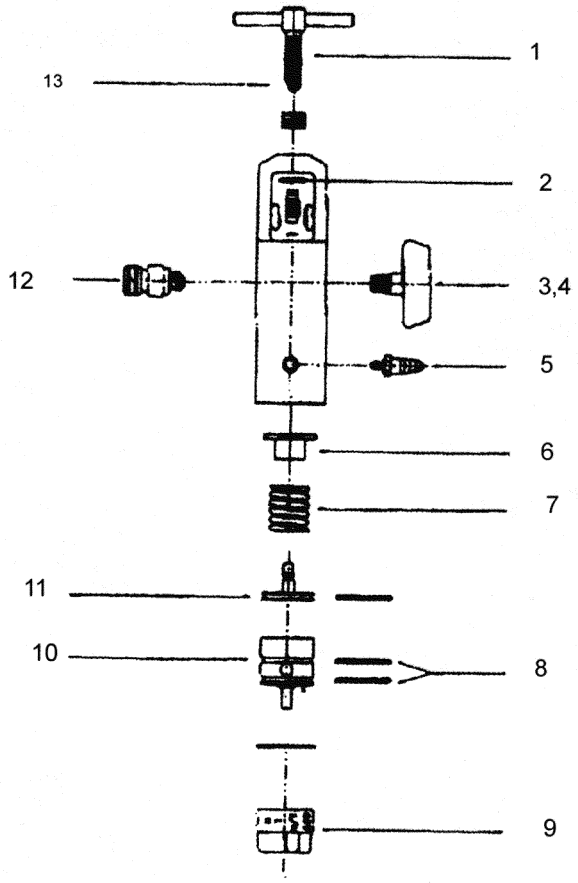


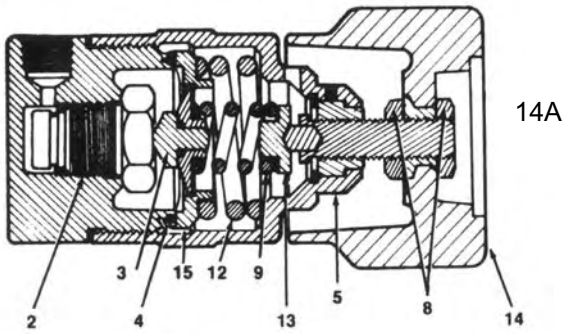
CHEMETRON

Models
#32-32295500
#32-32295550

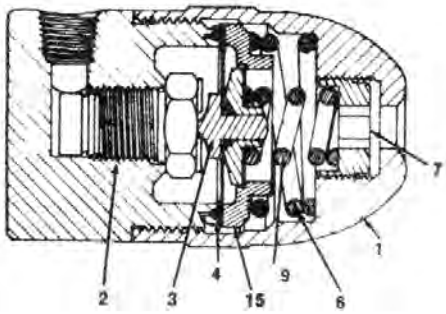
Item	Description	Part Number
1.	T-Handle	#69-20338
2.	Washer Seal	#69-21493 (10/pk)
3.	Pressure Gauge	#69-20058
4.	Pressure Gauge Boot	#32-32905010
5.	Hose Barb	#32-32905995
6.	Manifold Assembly	#32-32905994
7.	Spring	#32-32905993
8.	O-Rings (Group of 2 each)	#32-32905992
9.	Knob Assembly	#32-32905999
10.	Flowmeter ass'y with O-rings	#32-32905998
11.	Piston ass'y with O-rings	#32-32905997
12.	D.I.S.S. check valve ass'y*	#32-32905996
13.	Retainer Ring	#32-32905990

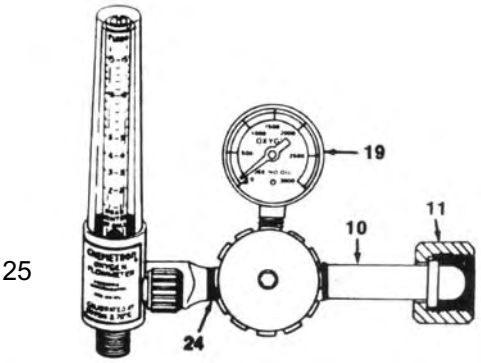
*Model #32-32295550 only





14A





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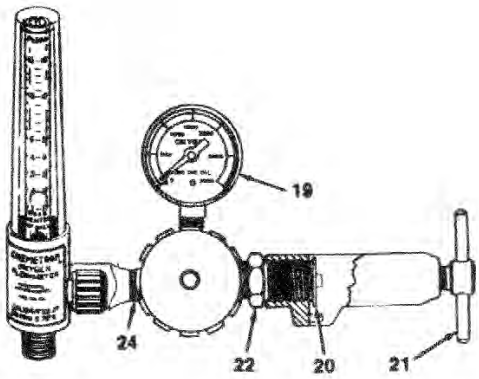

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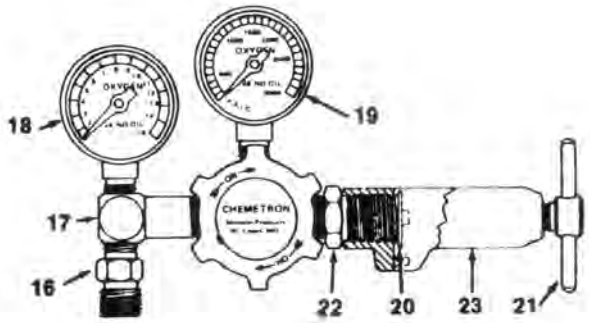
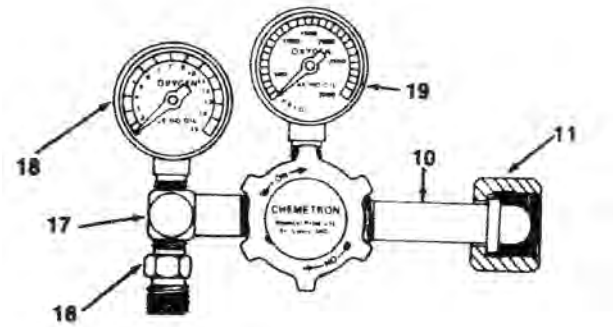
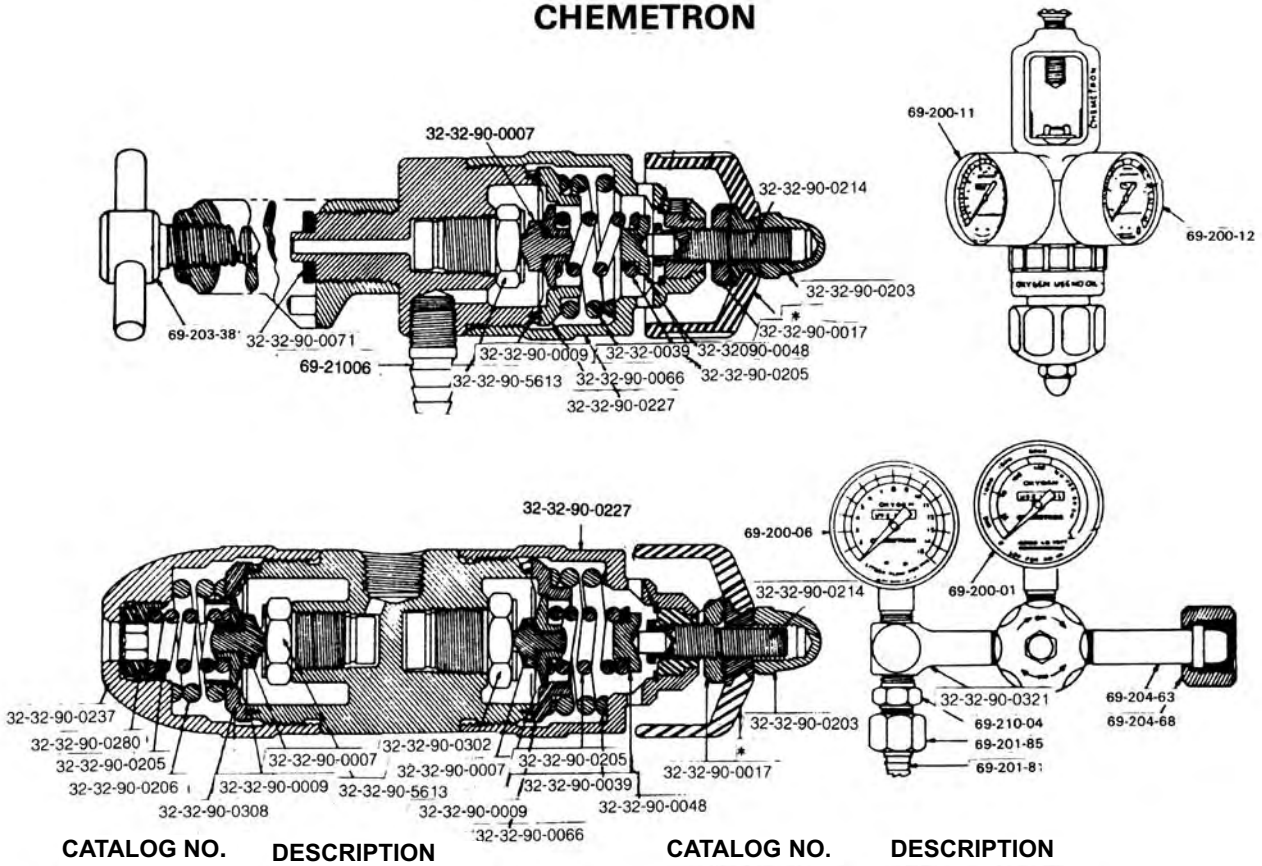




1.	Cap, High Pressure	#32-32900001
2.	Nozzle Assy.	#32-32905613
3.	Diaphragm Assy.	#32-32900007
4.	O-Ring	#32-32900009
5.	Cap Assy w/ adj. shaft	#32-32900244
6.	Spring	#32-32900015
7.	Button, Spring	#32-32900016
8.	Nut, Jam	#32-32900017
9.	Spring, Diaphragm	#32-32900023
10.	Nipple, Oxygen	#69-204-63
11.	Nut, Inlet, Oxygen	#69-204-68
12.	Spring	#32-32900039
13.	Button, Spring	#32-32900048
14.	Cap, Adj. (Green)	#32-32901064
14a.	Closure	#32-32901212
15.	Plate	#32-32900066
16.	Connection, Outlet	#69-210-01
17.	Block, Outlet	#32-32900068
18.	Gauge, LPM - 1-1/2" 15 LPM	#69-200-05
19.	Gauge, H.P. - 1-1/2"	#69-200-00
20.	Washer, Yoke, Yellow	#32-32900071
21.	Tee Handle	#69-203-38
22.	Nipple Yoke Adapter	#69-207-20
23.	Yoke, Oxygen	#32-32900074
24.	Block, Outlet	#32-32900075
25.	Flowmeter, Oxygen 15 LPM	#32-1500103

This type of regulator has been manufactured for several companies including; Puritan-Bennett, Chemetron, Hudson, Hammon, Oxequip, Elder and others.

CHEMETRON



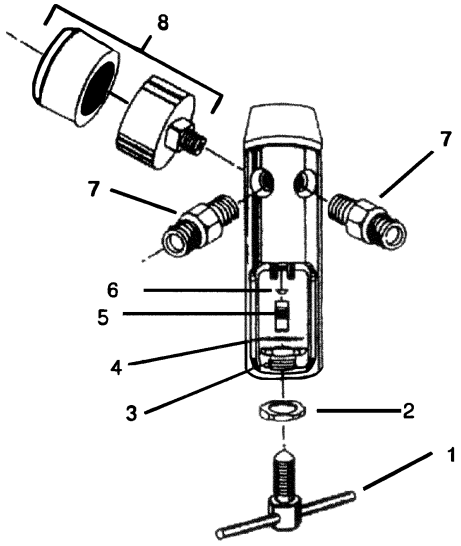
CATALOG NO.	DESCRIPTION
32-32-90-2437	Cap Lock Nut
32-32-90-0017	Preset Nut
32-32-90-0205	Diaphragm Spring
32-32-90-0039	Safety Spring
69-203-38	Yoke Screw
32-32-90-0214	Adjusting Screw
32-32-90-0007	Diaphragm Assembly
*	Green Adjusting Cap, (see Kit)
32-32-90-0227	Brass Adjusting Cap
69-201-81	Tailpiece
69-201-85	Tailpiece Nut
69-204-68	Inlet Nut
*	Cap Lock Nut
32-32-90-0017	Preset Nut
32-32-90-0205	Diaphragm Spring
32-32-90-0039	Safety Spring L.P.
32-32-90-0206	Safety Spring H.P.
32-32-90-0214	Adjusting Screw
69-204-63	Inlet Stem Assembly
32-32-90-0007	Diaphragm Assembly
32-32-90-0227	Brass Adjusting Cap
32-32-90-0237	Brass Preset Cap

CATALOG NO.	DESCRIPTION
69-210-06	Tailpiece Assembly
32- 32-90-0009	O-Ring
32- 32-90-0048	Spring Button
32- 32-90-5613	Nozzle Assembly
32- 32-90-0066	Diaphragm Plate
69-200-11	Liter Gauge 1-1/2"; 0 - 15 LPM
69-200-12	High Pressure Gauge 1½"
32- 32-90-0071	Nylon Gasket
32- 32-90-0009	O-Ring
32- 32-90-0048	Spring Button L.P.
69-210-04	Outlet Connection
32- 32-90-0302	Low Pressure Nozzle
32- 32-90-0066	Diaphragm Plate
32- 32-90-0321	Outlet Block, ¼" NPT
69-200-06	Liter Gauge 2"; 0 - 15 LPM
69-200-01	High Pressure Gauge 2"
*32-32-90-2437	Knob Update Kit

REPAIR TOOLS REQUIRED

Catalog No.	Description
32-32-90-0503	Handle for Spline Wrench
32-32-90-0372	Spline Wrench
25-RST-001	Regulator bench held vise for Veriflo (National), Puritan-Bennett, Chemetron, and Hudson oxygen. For small aluminum regulator bodies. 1¾" hole thru.

LIFE SUPPORT PRODUCTS

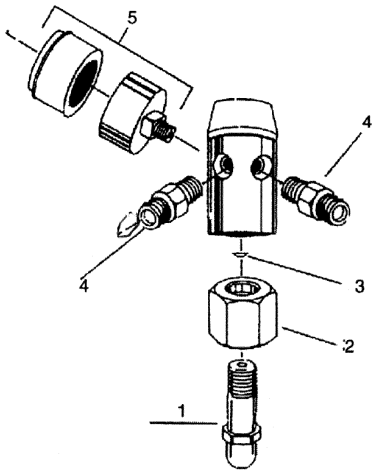


HU-735-060 REGULATOR

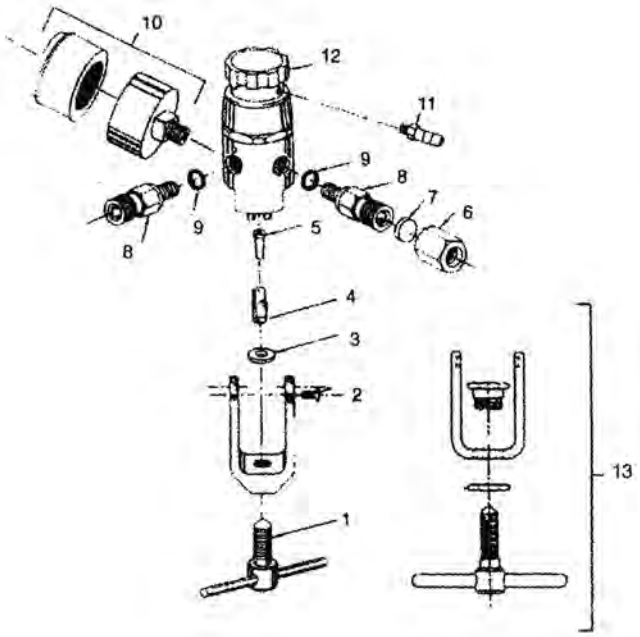
1.	#HU-150134	“T” Handle Assembly
2.	#HU-415063	Nut
3.	#HU-030023	Bushing
4.	#HU-560038	Gasket
5.	#HU-525433	Stem
6.	#HU-520047	Filter
7.	#HU-585188-010	Check Valve
8.	#69-20049	Oxygen Gauge with Boot

HU-106-160 REGULATOR

1.	#HU-002715-020	Fitting
2.	#69-20468	CGA Nut
3.	#HU-520006	Filter
4.	#HU-585188-010	Check Valve
5.	#69-20049	Oxygen Gauge with Boot



Oxygen/Resuscitation Products

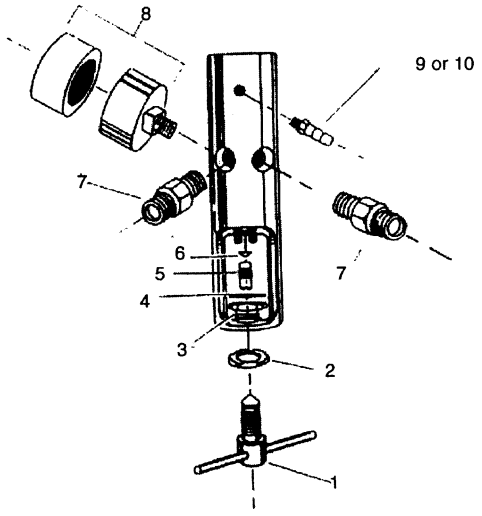


HU-170-020 REGULATOR (Insert Seat)

1	#69-20338	"T" Handle (HU-170-020 Old Yoke)
2	HU-435633-406	Screw
3	HU-560038	Gasket
4	HU-525388	Threaded Stem
5	HU-520026	Filter
6	HU-525097	Nut
7	HU-575015-010	Seal Plug
8	HU-525100	Fitting
9	HU-560645-011	O-Ring
10	#69-20049	Oxygen Gauge With Boot
11	HU-525460	Barbed Fitting
12	HU-010125	Knob Kit
13	HU-010148	Yoke Assembly Kit

HU-270-020 REGULATOR, HU-270-050 REGULATOR HU-170-02L REGULATOR, HU-170-020 REGULATOR (UNIBODY)

1	#69-20338	"T" Handle Assembly
2	HU-415063	Nut
3	HU-030023	Bushing
4	HU-560038	Gasket
5	HU-525433	Stem
6	HU-520047	Filter
7	HU-585188-010	Check Valve
8	#69-20049	Oxygen Gauge With Boot
9	HU-525460	Barbed Fitting (#10-32 Thread)
10	HU-525519	Barbed Fitting (1/4 - 20 Thread)



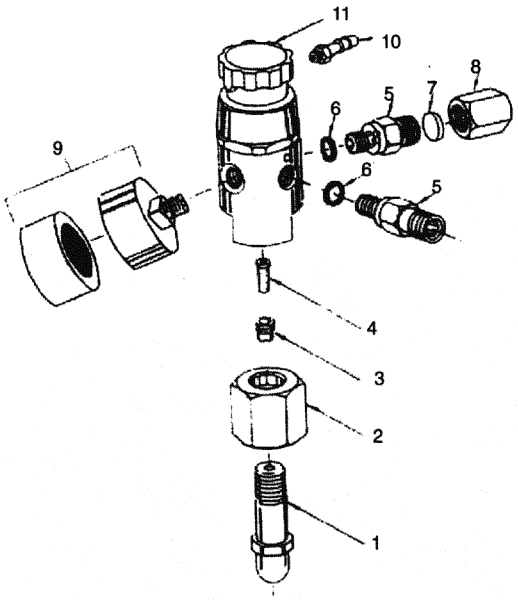


Figure C

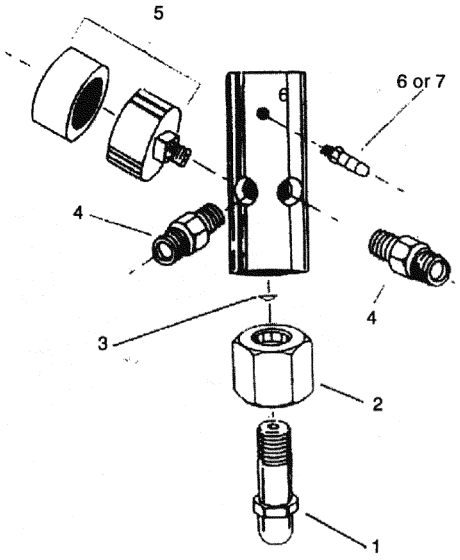


Figure D

HU-180 - 020 REGULATOR

1	HU-002715-020	Fitting
2	#69-20468	CGA Nut
3	HU-525389	Threaded Stem
4	HU-520026	Filter
5	HU-525100	Fitting
6	HU-560645-011	O-Ring
7	HU-575015-010	Seal Plug
8	HU-525097	Nut
9	#69-20049	Oxygen Gauge With Boot
10	HU-525460	Barbed Fitting
11	HU-010125	Knob Kit

HU-280-020 REGULATOR

1	HU-002715-020	Fitting
2	#69-20468	CGA Nut
3	HU-520006	Filter
4	HU-585188-010	Check Valve
5	#69-20049	Oxygen Gauge With Boot
6	HU-525460	Barbed Fitting (#10-32 Thread)
7	HU-525519	Barbed Fitting (1/4 - 20 Thread)

USED TO REDUCE PIPELINE PRESSURE TO WORKABLE PRESSURE

#69-20516
Nitrogen Regulator assembly, Dynacon male to set screw lock for acceptance of a Medical Air Schrader male - 180°

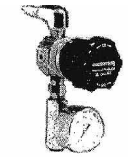
#69-20514
Nitrogen regulator assembly, D.I.S.S. Nitrogen female to set screw lock for acceptance of a Medical Air Schrader male - 180°

#69-20351
Nitrogen regulator assembly, Dynacon male to Schrader Nitrogen check valve - 180°
(for the same configuration with Medical Air Schrader use #69-21700)

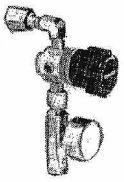
#69-20749
Nitrogen regulator assembly, D.I.S.S. Nitrogen female inlet to D.I.S.S. Nitrogen male outlet - 90°

#69-21241
Nitrogen Regulator assembly, D.I.S.S. Nitrogen female inlet to Schrader Nitrogen check valve - 180° ***(for the same configuration with Medical Air Schrader use #69-21701)***

#69-21242
Nitrogen regulator assembly, D.I.S.S. Nitrogen female inlet to Schrader Nitrogen check valve - 90° ***(for the same configuration with Medical Air Schrader use #69-21702)***



#69-20515
Nitrogen Regulator assembly, 90° Dynacon male to set screw lock for acceptance of a Medical Air Schrader male



#69-20517
Nitrogen regulator assembly, 90° D.I.S.S. Nitrogen female to set screw lock for acceptance of a Medical Air Schrader male

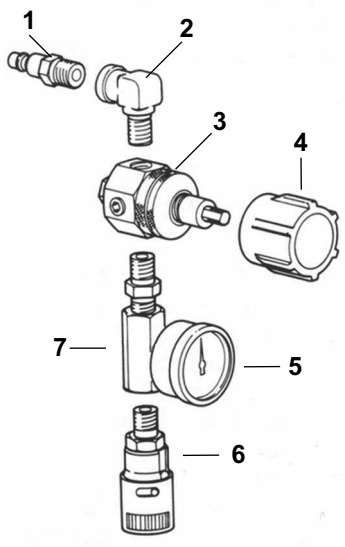
#69-20352
Nitrogen regulator assembly, 90° Dynacon male to Schrader Nitrogen check valve ***(for the same configuration with Medical Air Schrader use #69-21703)***

#69-20748
Nitrogen regulator assembly, D.I.S.S. Nitrogen female inlet to D.I.S.S. Nitrogen male outlet - 180°

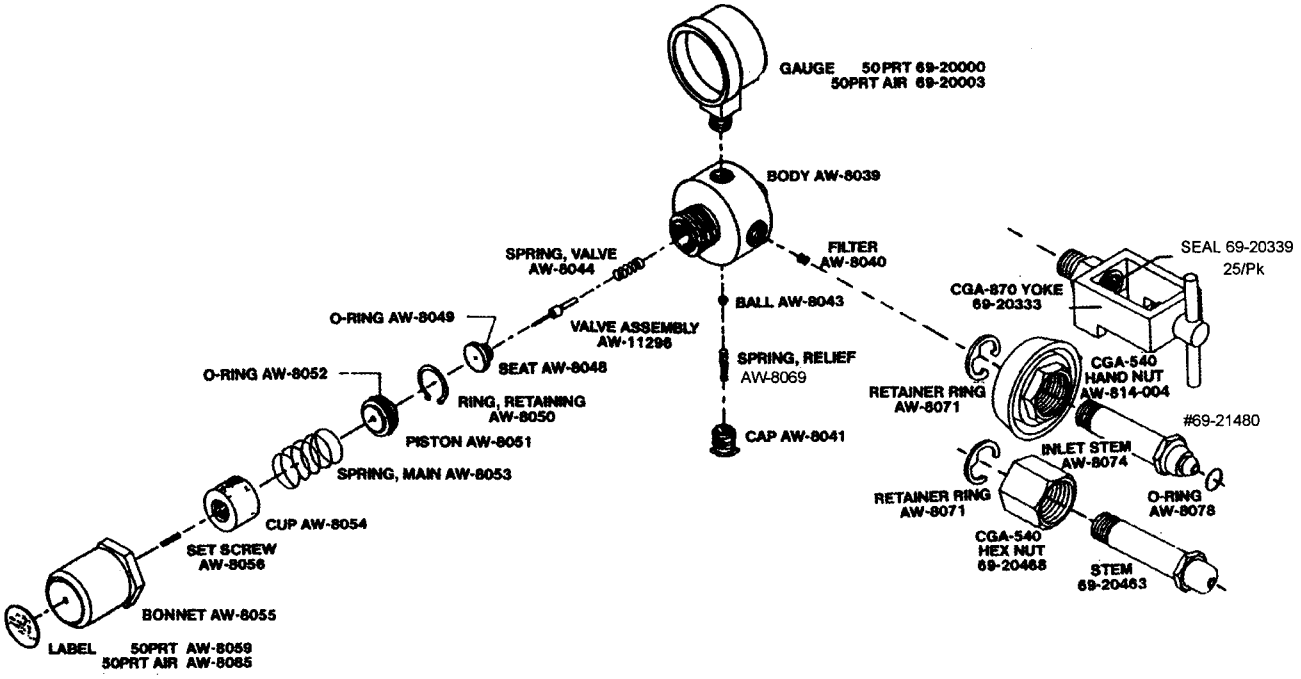
#69-21243
Nitrogen Regulator assembly, Schrader Nitrogen male inlet to Schrader Nitrogen check valve - 180° ***(for the same configuration with Medical Air Schrader inlet male and outlet female use #69-21704)***

#69-21244
Nitrogen regulator assembly with 1/4" NPT female inlet and outlet.

1. **Inlet Adapter**
   - #69-20584 — "Dyna-Con Adapter" x 1/4 NPT male
   - #69-20415 — Schrader Medical Air male adapter (not shown)
   - #69-21535 — Schrader Nitrogen male adapter (not shown)
2. #69-20214 — 90° Elbow 1/4 NPT female x 1/4 NPT male
3. #32-11910170 — Regulator and Knob Assembly
4. #32-11910172 — Color coded Knob
5. #69-20013 — 0 - 300 PSI Gauge
6. **Outlet Adapter**
   - #69-20136 — Schrader Medical Air Coupler x 1/4 NPT male
   - #69-21533 — Schrader Nitrogen Coupler x 1/4 NPT male
   - #69-20318 — D.I.S.S., N2 male x 1/4 NPT Male with check valve
   - #69-20311 — Dyna-Con check unit with 1/4" NPT male (not illustrated)
7. #32-11910196 — Body Adapter, W/O Gauge
   - #32-11910171 — Replacement Bushing (set screw) and Gauge (not illustrated). Use with #32-11910170 Knob Kit.
   - #32-11910174 — Diaphragm & Valve Assembly Kit (not illustrated)
   - #83-900-0212 — Hazard Warning Label (not shown). Use with #69-20136 Coupler.



NOTE: Regulator Bonnet, Body, Bottom Plug are not Offered as Replacements.



	PART #	DESCRIPTION
1.	#AW-8070	Label
2.	#AW-8064	Knob
3.	#AW-8063	Bonnet
4.	#AW-10737	Knob Spring
5.	#AW-1002	Washer
6.	#AW-8066	Retaining Ring, Knob
7.	#AW-8613	Disc
8.	#AW-8054	Cup
9.	#AW-8062	Main Spring
10.	#AW-8080	Washer
11.	#AW-8051	Piston
12.	#AW-8052	Piston O-Ring
13.	#AW-8050	Retaining Ring
14.	#AW-8048	Seat
15.	#AW-8049	Seat O-Ring
16.	#AW-11296	Valve Assembly
17.	#AW-8044	Valve Spring
18.	#AW-8039	Body
20.	#AW-8043	Ball
21.	#AW-8079	Ball Spring
22.	#AW-8041	Relief Cap
23.	#69-20000	Main Gauge
24.	#AW-843-107	Nipple
25.	#AW-12538	BGT-8 Outlet/Gauge Assy
	#AW-12537	BGT-15 Outlet/Gauge Assy

ITEM #	DESCRIPTION
30. #69-20333	CGA-870 Yoke Assy
31. #69-20339	Seal (Yoke Washer) 25/Pkg
32. #AW-8071	Retainer Ring
33. #69-21480	CGA-540 Hand Nut Assy
34. #69-20468	CGA-540 Hex Nut Assy
35. #AW-8078	O-Ring
36. #10-810-50	Disposable Oxygen Nipple 50/Pkg

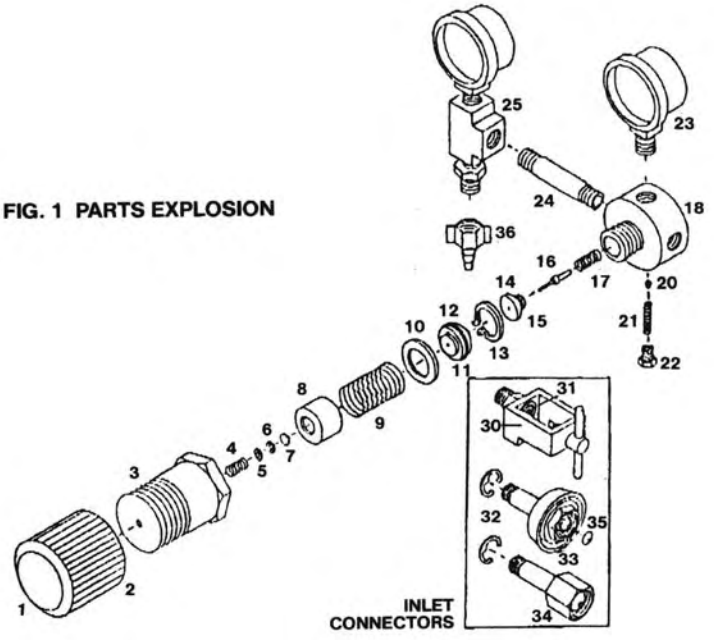
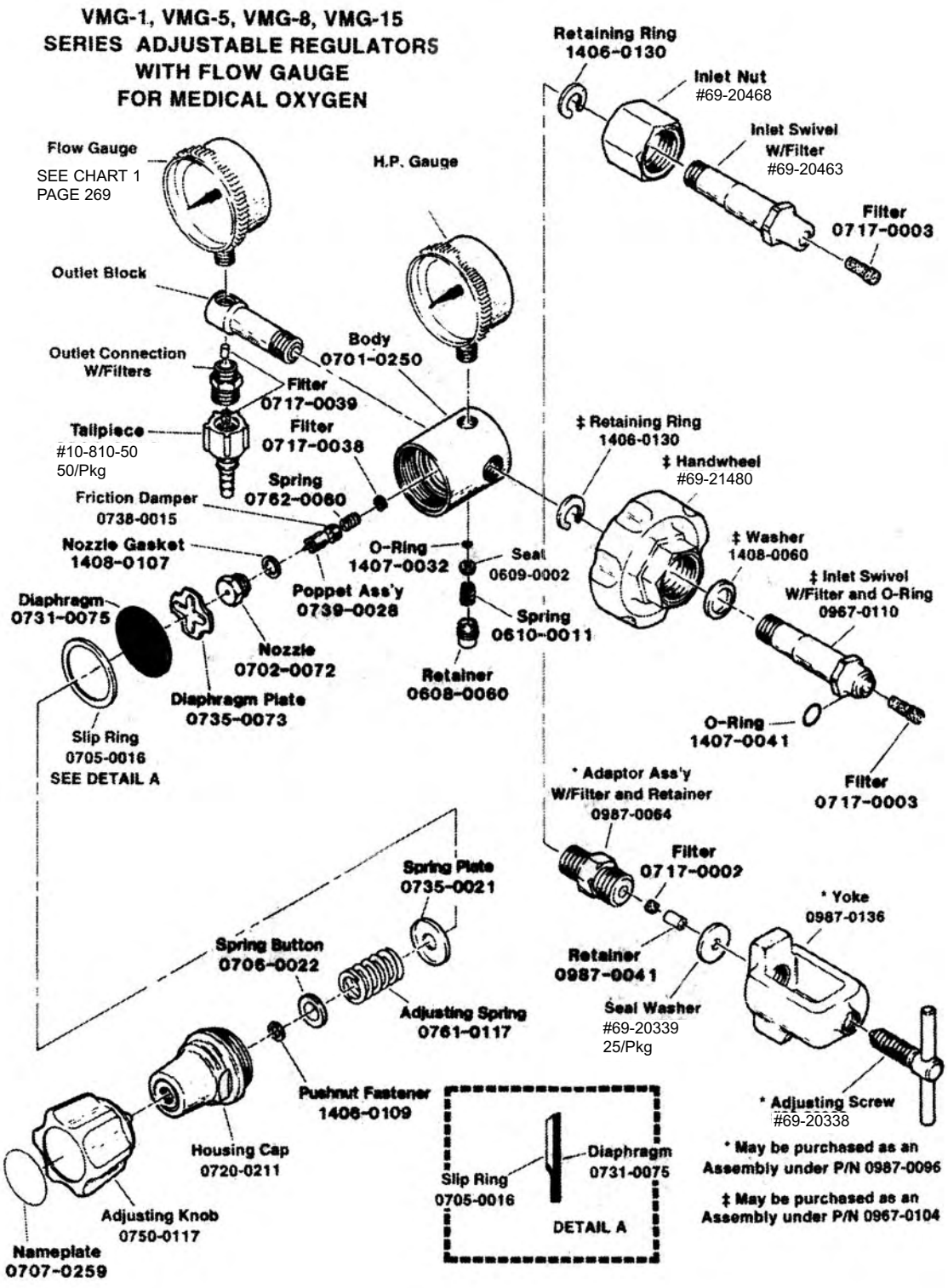
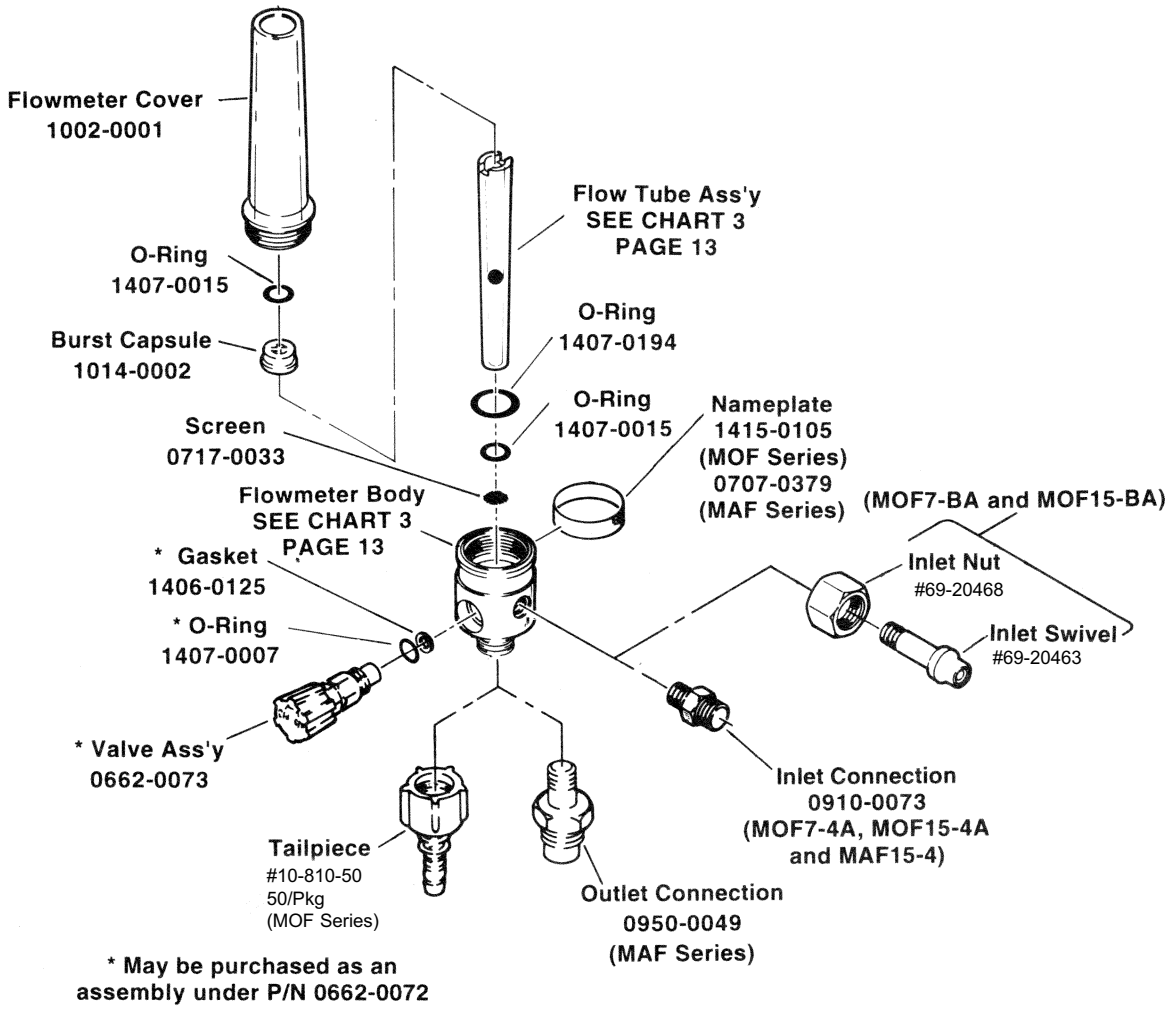


FIG. 1 PARTS EXPLOSION



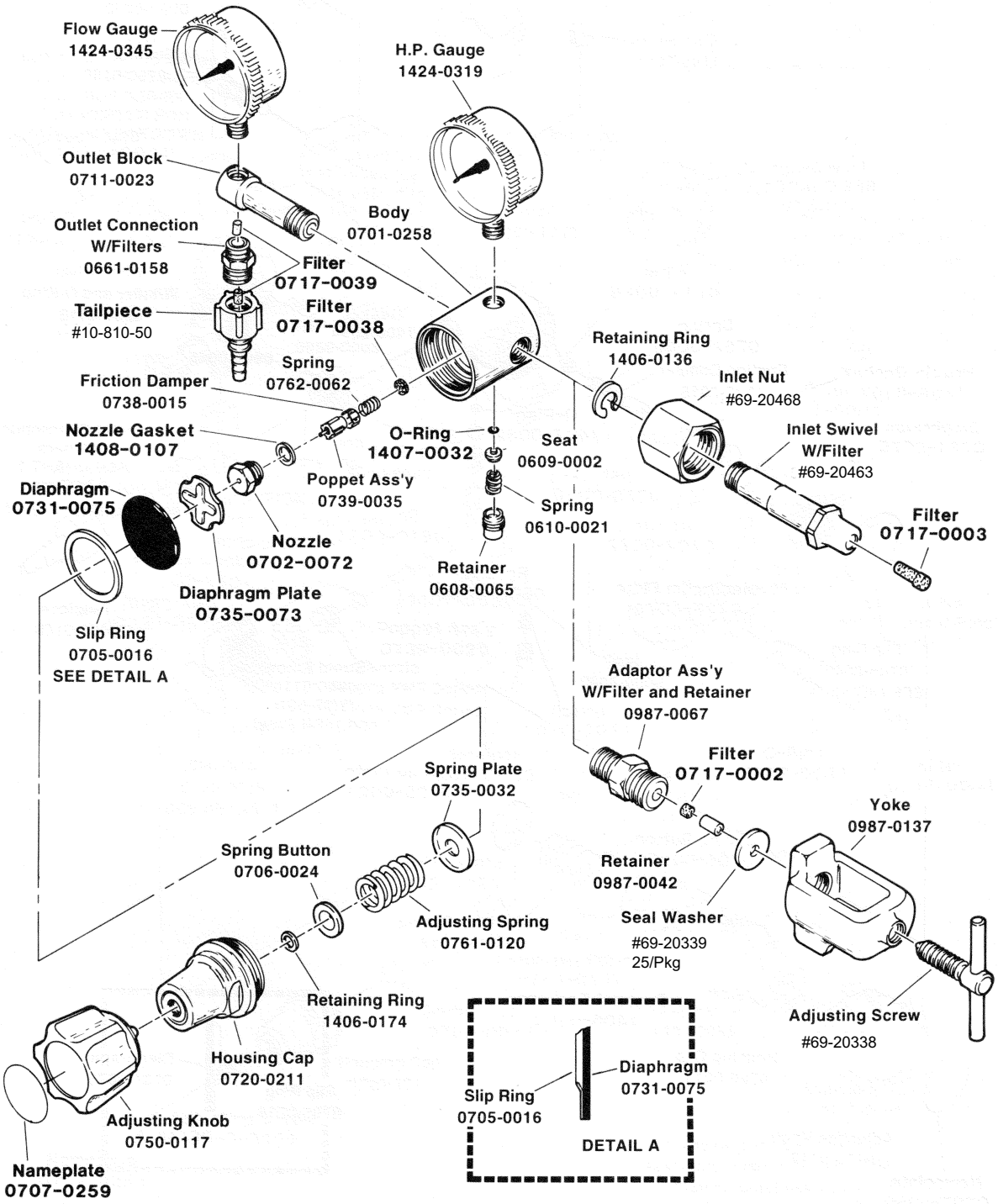
NOTE: All part numbers are prefixed by #BW-,
except numbers which are formatted as #10- or #69-.

MOF7, MOF15, MAF FLOWMETERS FOR MEDICAL OXYGEN AND AIR



NOTE: All part numbers are prefixed by #BW-,
except numbers which are formatted as #10- or #69-.

NMG-15 SERIES NON-MAGNETIC ADJUSTABLE REGULATORS WITH FLOW GAUGE FOR MEDICAL OXYGEN



NOTE: All part numbers are prefixed by #BW-,
except numbers which are formatted as #10- or #69-.

HM SERIES
MEDICAL OXYGEN REGULATORS
ADJUSTABLE MODELS

ALL PART NUMBERS PREFIXED BY BW (EXAMPLE #BW-1424-0352)

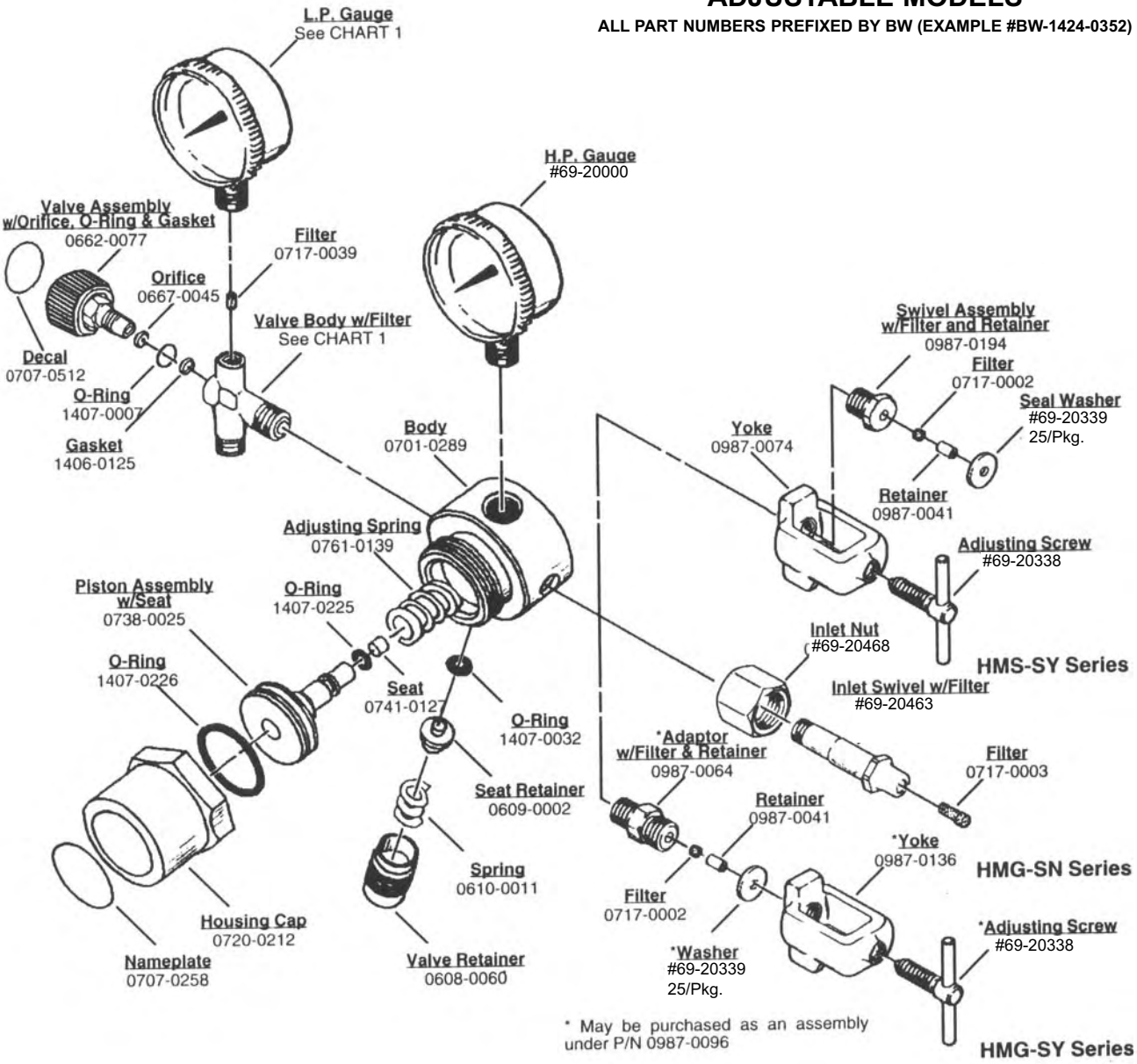
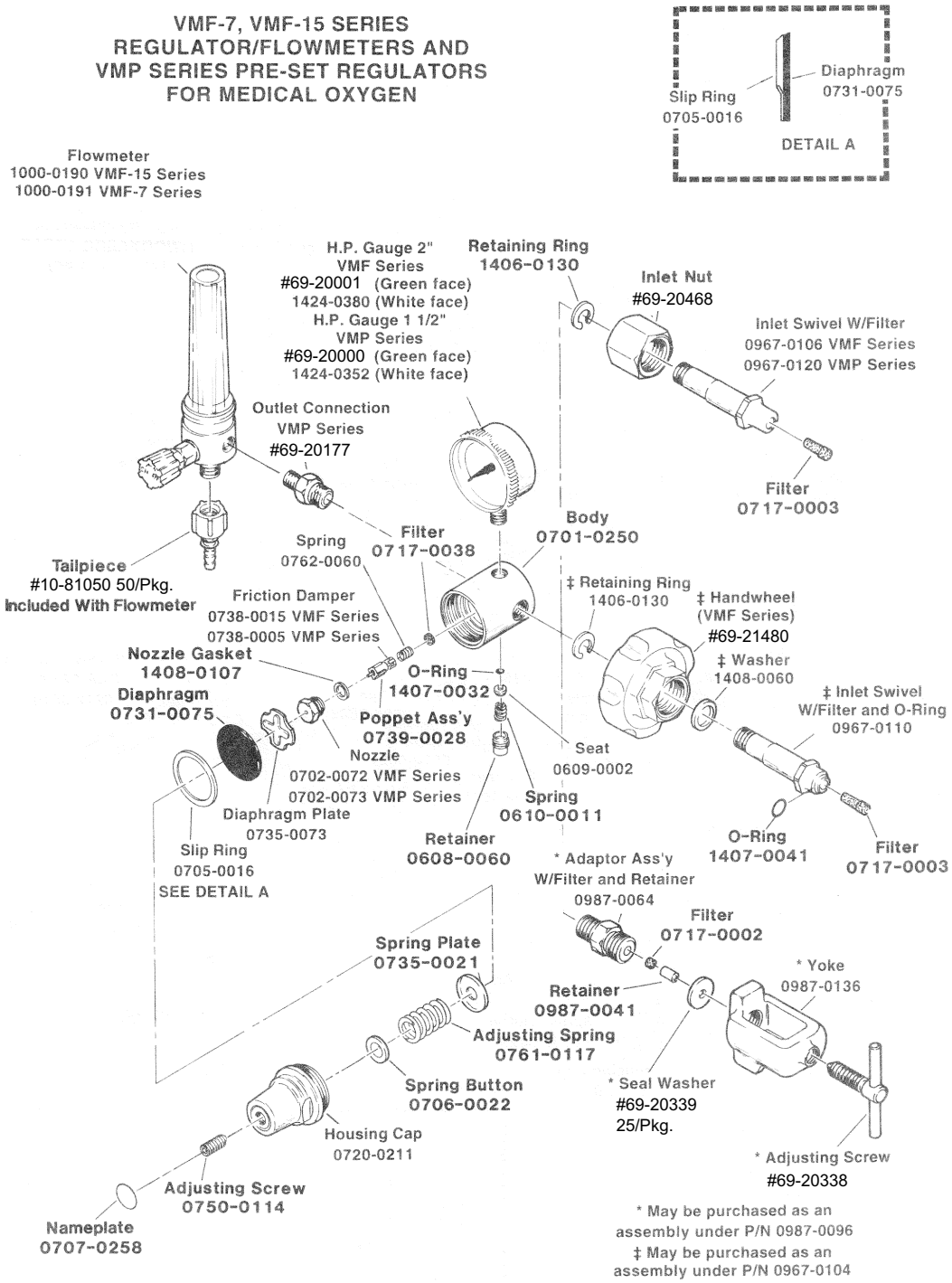


CHART 1			
Description	HMG-5SN HMG-5SY HMS-5SY	HMG-8SN HMG-8SY HMS-8SY	HMG-15SN HMG-15SY HMS-15SY
L.P. Gauge	#BW-1424-0343	#69-20021	#69-20005
Valve Body Assembly	#BW-0661-0157	#BW-0661-0156	#BW-0661-0155

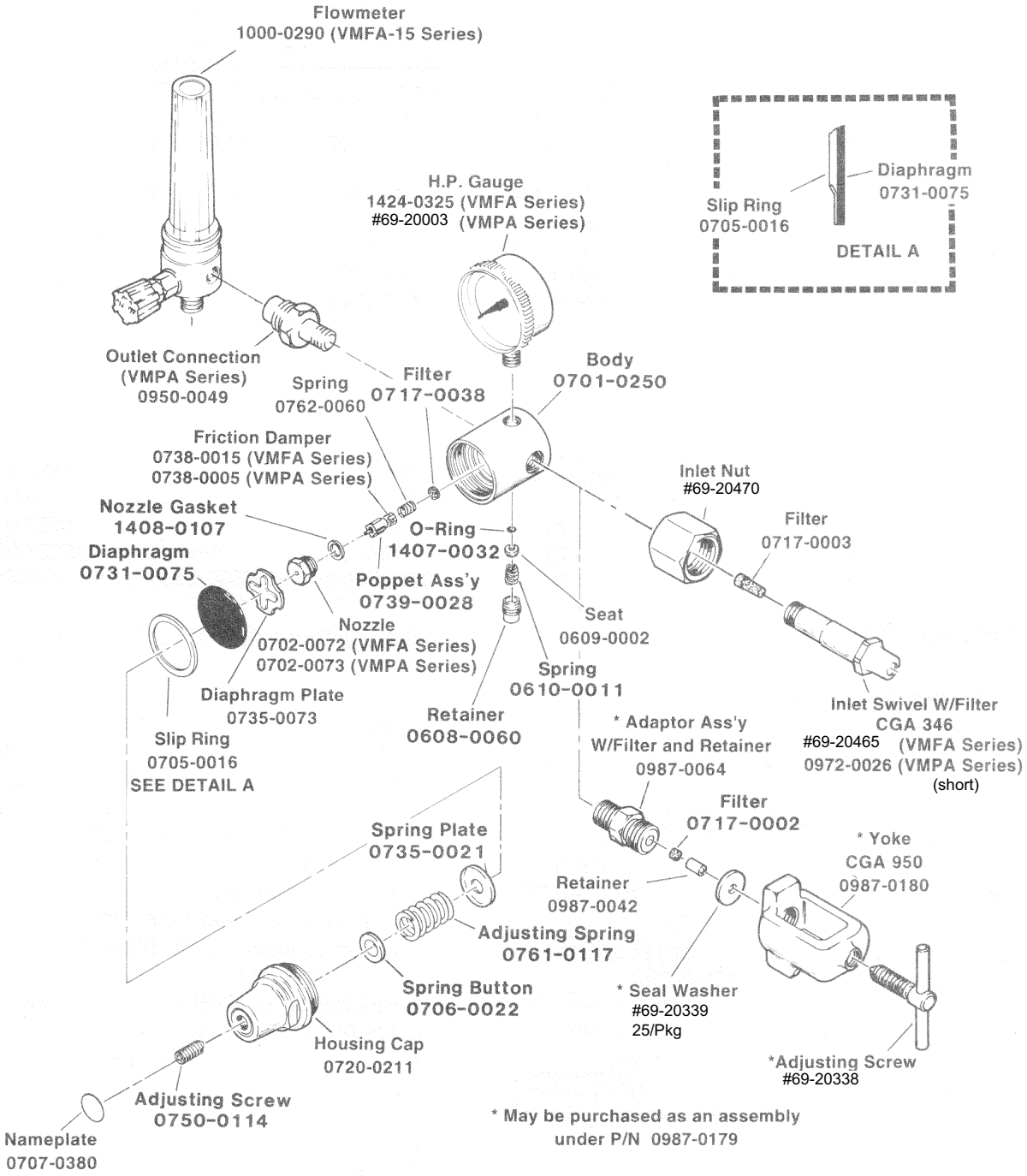
NOTE: All part numbers are prefixed by #BW-,
except numbers which are formatted as #10- or #69-.

VMF-7, VMF-15 SERIES REGULATOR/FLOWMETERS and VMP SERIES PRE-SET REGULATORS for MEDICAL OXYGEN

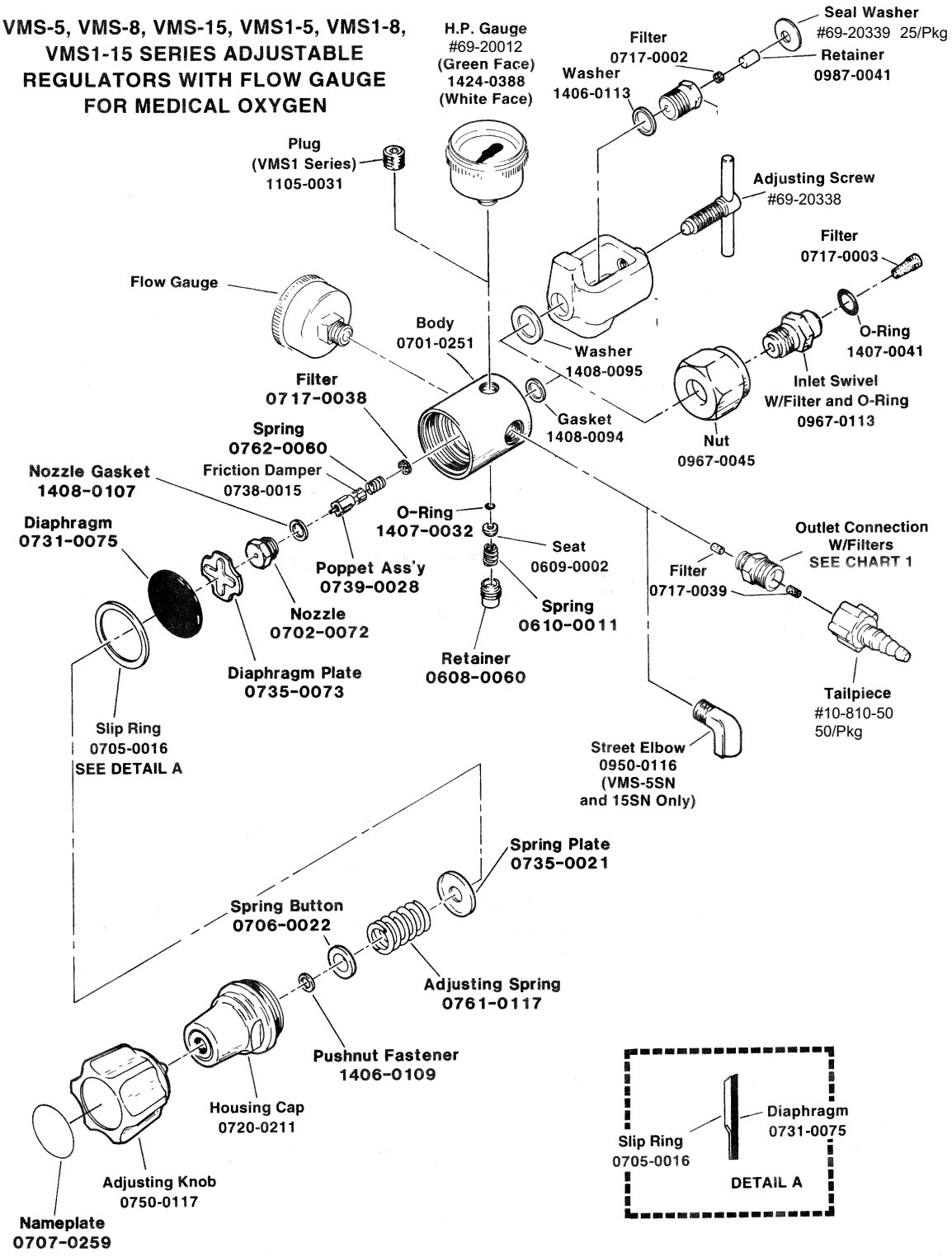


NOTE: All part numbers are prefixed by #BW-,
except numbers which are formatted as #10- or #69-.

VMFA-15 SERIES REGULATOR/FLOWMETERS AND VMPA SERIES PRE-SET REGULATORS FOR MEDICAL AIR



NOTE: All part numbers are prefixed by #BW-,
except numbers which are formatted as #10- or #69-.

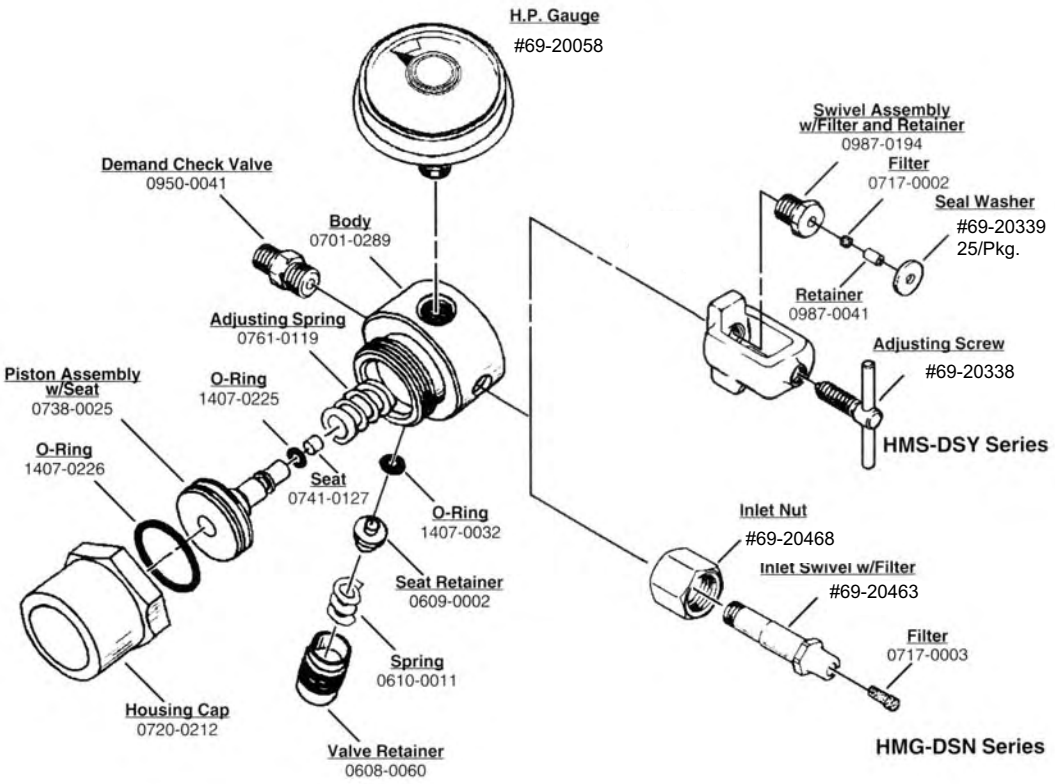


NOTE: All part numbers are prefixed by #BW-,
except numbers which are formatted as #10- or #69-.

HM SERIES MEDICAL OXYGEN REGULATORS FIXED FLOW MODELS

FLOW ORIFICE ASSEMBLIES
Flow (LPM) O_2

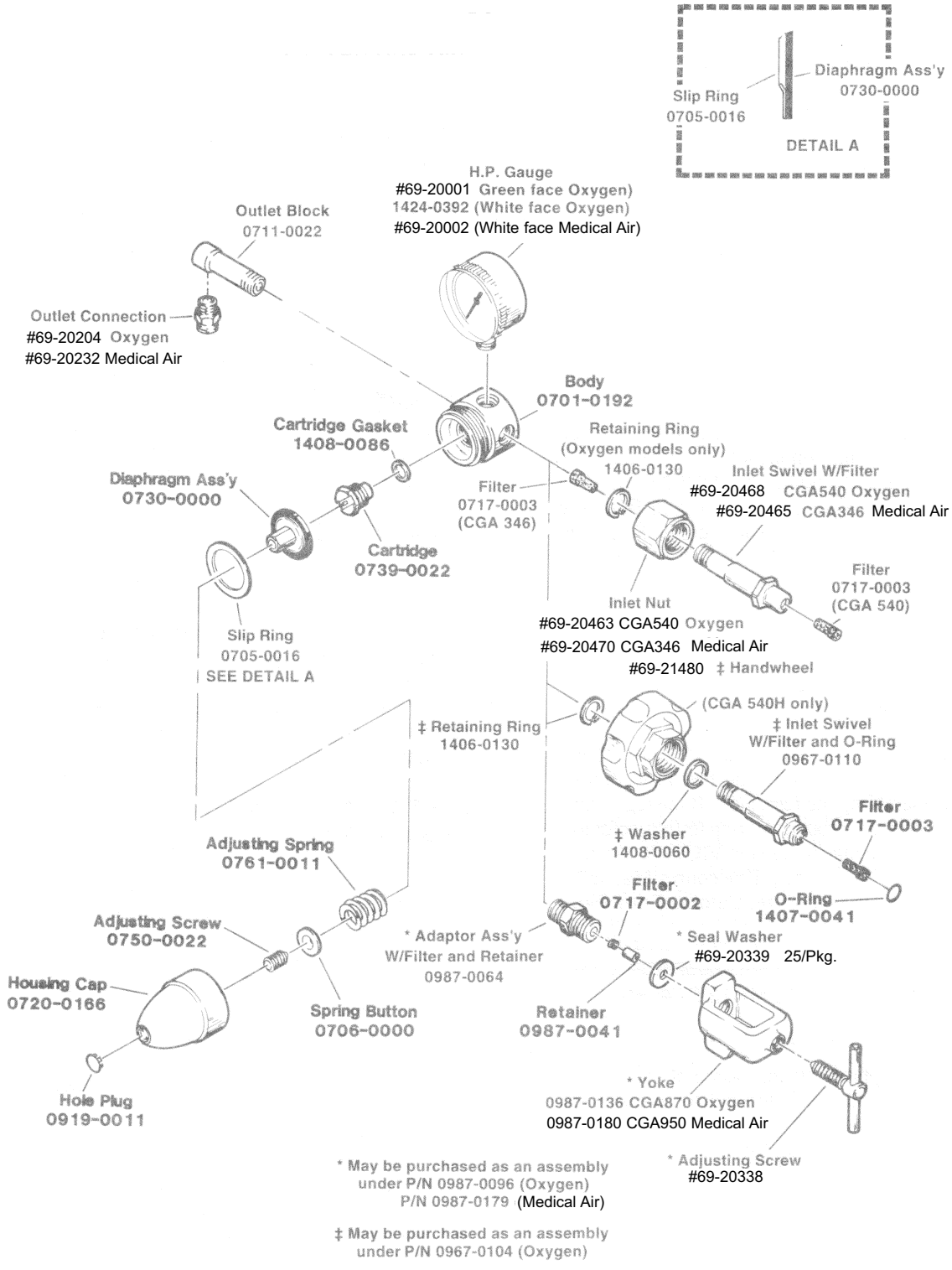
Part Number	Flow LPM
#BW-0907-0022	1/4
#BW-0907-0023	1/2
#BW-0907-0024	1
#BW-0907-0025	1-1/2
#BW-0907-0026	2
#BW-0907-0027	3
#BW-0907-0028	4
#BW-0907-0029	5
#BW-0907-0030	6
#BW-0907-0031	8



NOTE: All part numbers are prefixed by #BW-, except numbers which are formatted as #10- or #69-.

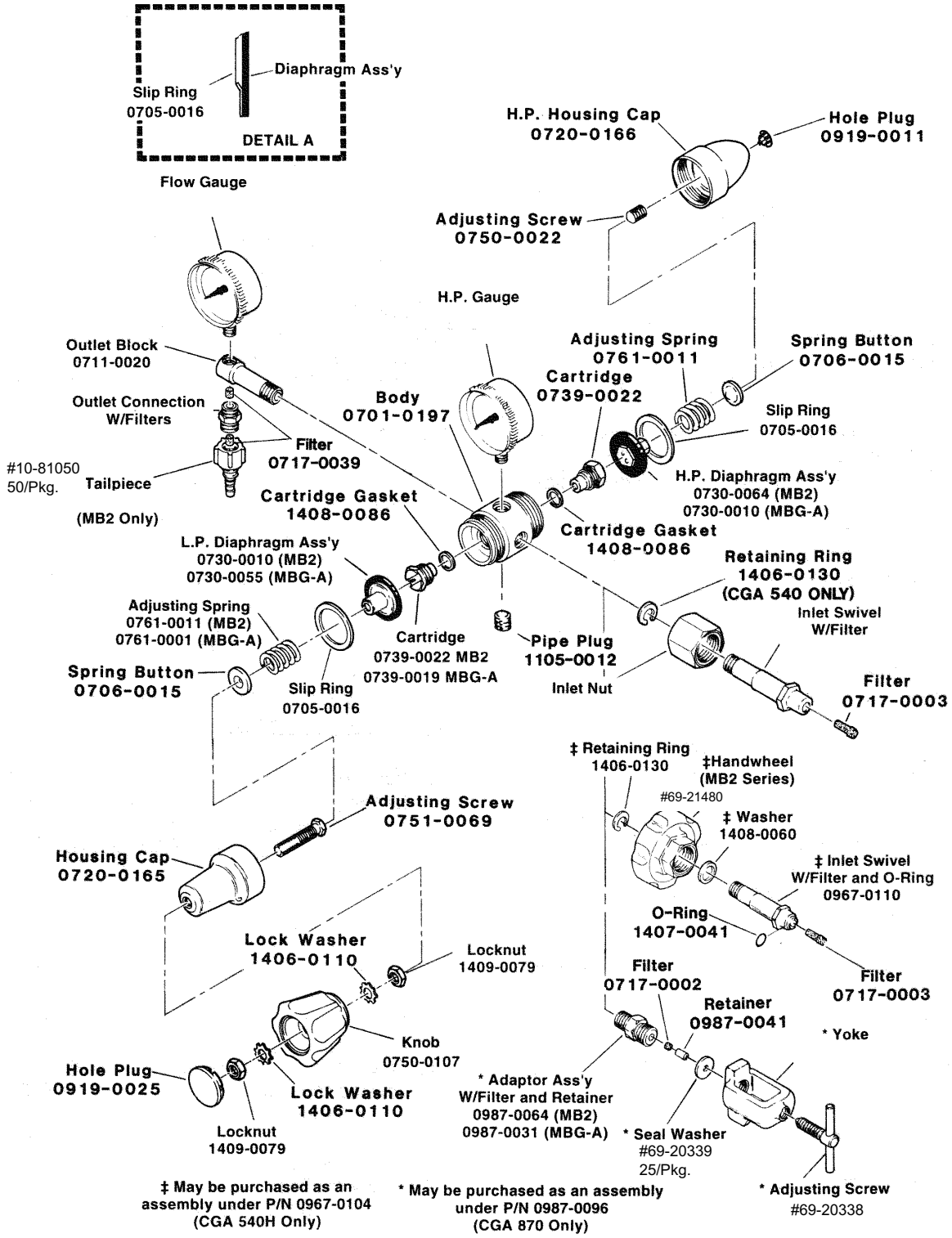
HM SERIES MEDICAL OXYGEN REGULATORS 50 PSIG PRESET MODELS w/D.I.S.S. 1240 Demand Check Valve Outlet

MB13 SERIES PRE-SET REGULATORS for MEDICAL OXYGEN and MEDICAL AIR



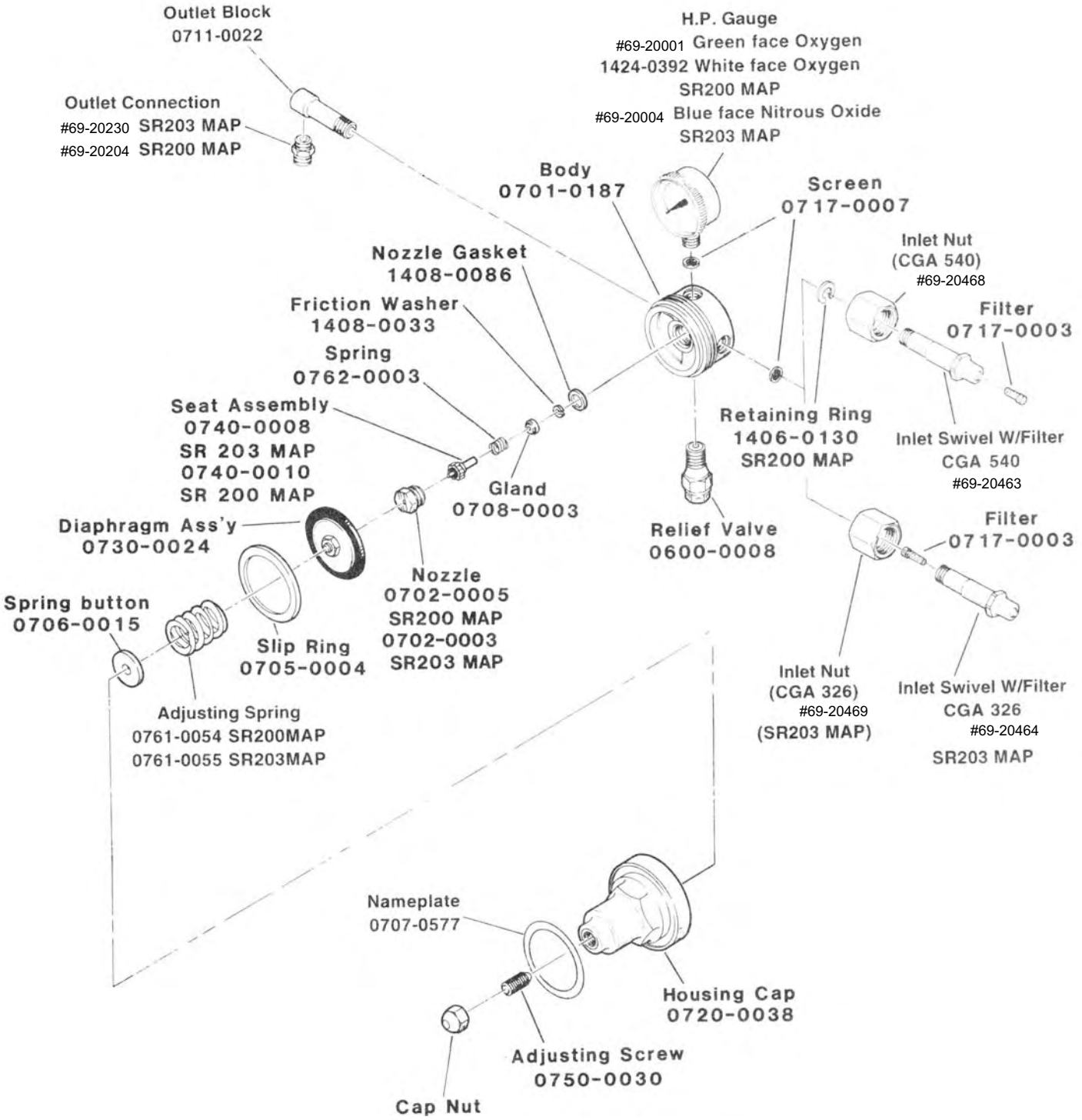
NOTE: All part numbers are prefixed by #BW-,
except numbers which are formatted as #10- or #69-.

MB2 and MBG-A SERIES ADJUSTABLE REGULATORS for MEDICAL OXYGEN and BLOOD GAS ANALYSIS



NOTE: All part numbers are prefixed by #BW-, except numbers which are formatted as #10- or #69-.

SR200 Series Pre-Set Regulators for Medical Oxygen and Nitrous Oxide

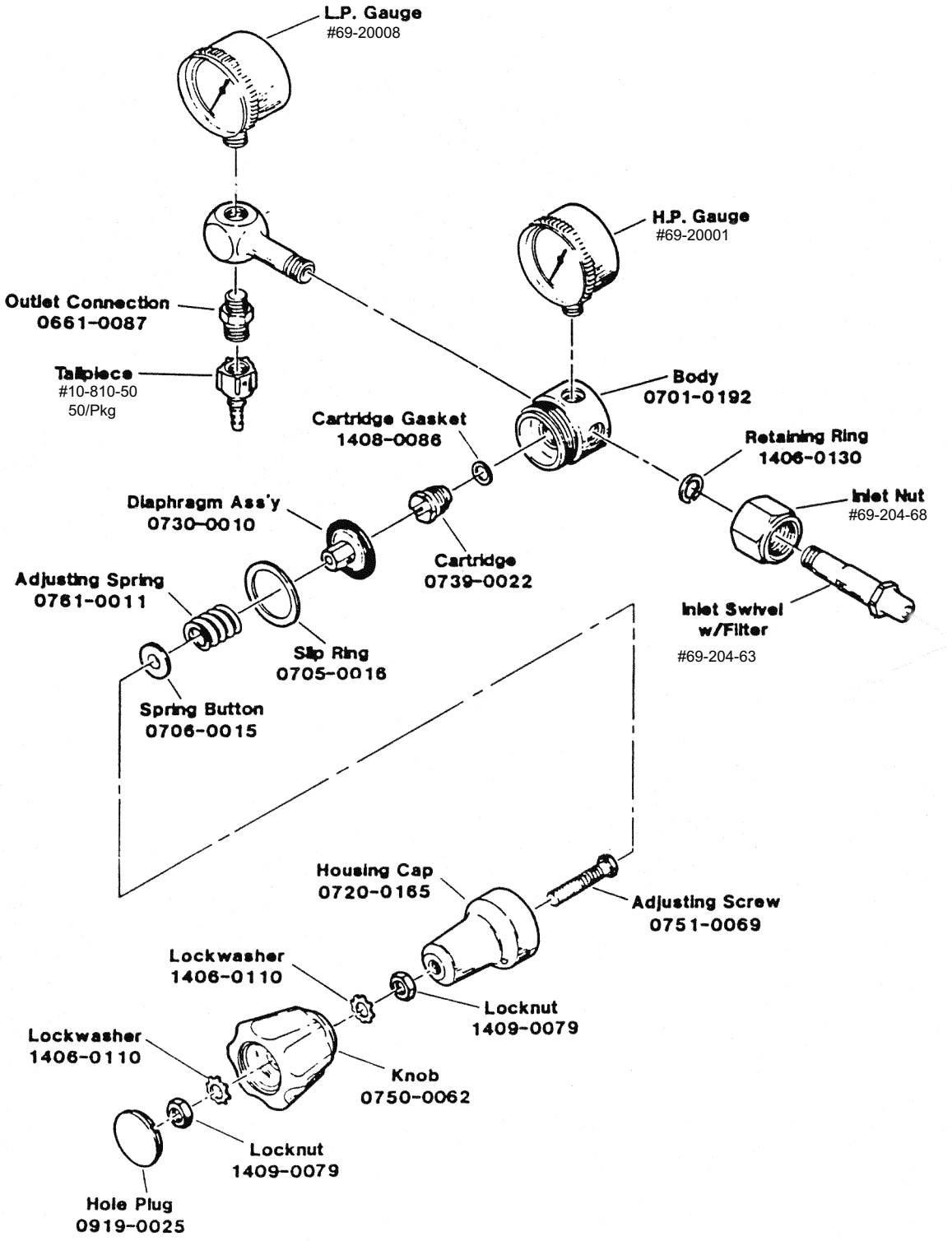


NOTE: All part numbers are prefixed by #BW-, except numbers which are formatted as #10- or #69-.

MB 15 Series Regulator

MB15 REGULATOR

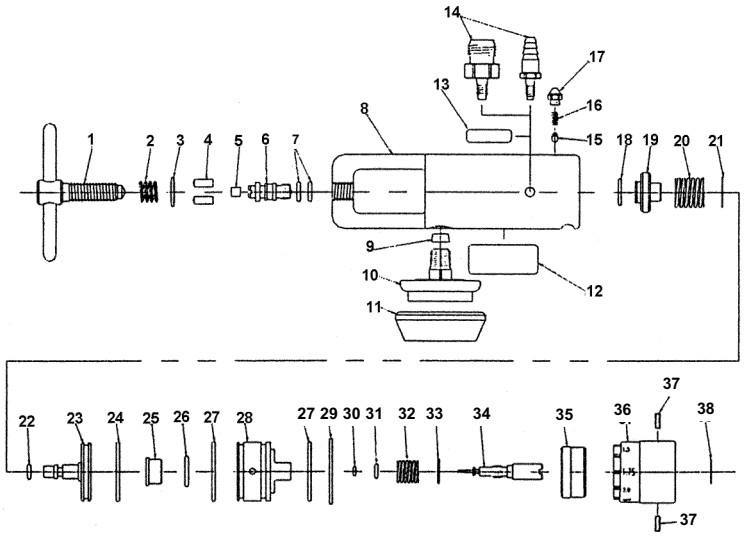
NOTE: All part numbers are prefixed by #BW-, except numbers which are formatted as #10- or #69-.



XA SERIES YOKE REGULATORS

Parts List For: XA-2800 (2 lpm), XA-2801 (2 lpm), XA-2810 (5 lpm), XA-2811 (5 lpm), XA-2820 (8 lpm), XA-2821 (8 lpm), XA-2521 (8 lpm), XA-2830 (15 lpm), XA-2831 (15 lpm), XA-2531 (15 lpm)
Adjustable Single Stage Unibody Piston Regulator
CGA 870 Rear Inlet

Regulator #	Needle Valve	Adjusting Knob	HP # 10 Gauge	Gauge Protector #11	Gauge with Protector #10 & 11	Body Item #8	Outlet Item #14	Body Decal Item #12	Caution Label Item #13
#XA-2800	#34-2543	#34-2521-12	N/A	N/A	N/A	#34-2504-4	#34-2522	#34-2530-3	N/A
#XA-2801	#34-2543	#34-2521-12	#69-20058	#34-G-15A-PCE	#69-20049	#34-2504-11	#34-2522	#34-2530-4	N/A
#XA-2810	#34-2543-1	#34-2521-12	N/A	N/A	N/A	#34-2504-4	#34-2522	#34-2530-5	N/A
#XA-2811	#34-2543-1	#34-2521-13	#69-20058	#34-G-15A-PCE	#69-20049	#34-2504-11	#34-2522	#34-2530-6	N/A
#XA-2820	#34-2543-2	#34-2521-14	N/A	N/A	N/A	#34-2504-4	#34-2522	#34-2530-7	N/A
#XA-2821	#34-2543-2	#34-2521-14	#69-20058	#34-G-15A-PCE	#69-20049	#34-2504-11	#34-2522	#34-2530-8	N/A
#XA-2521	#34-2543-2	#34-2521-14	#69-20058	#34-G-15A-PCE	#69-20049	#34-2504-11	#34-2522-2	#34-2530-38	#34-2530-40
#XA-2830	#34-2543-3	#34-2521-15	N/A	N/A	N/A	#34-2504-4	#34-2522	#34-2530-9	N/A
#XA-2831	#34-2543-3	#34-2521-15	#69-20058	#34-G-15A-PCE	#69-20049	#34-2504-11	#34-2522-2	#34-2530-39	#34-2530-40
#XA-2531	#34-2543-3	#34-2521-15	#69-20058	#34-G-15A-PCE	#69-20049	#34-2504-11	#34-2522-2	#34-2530-39	#34-2530-40



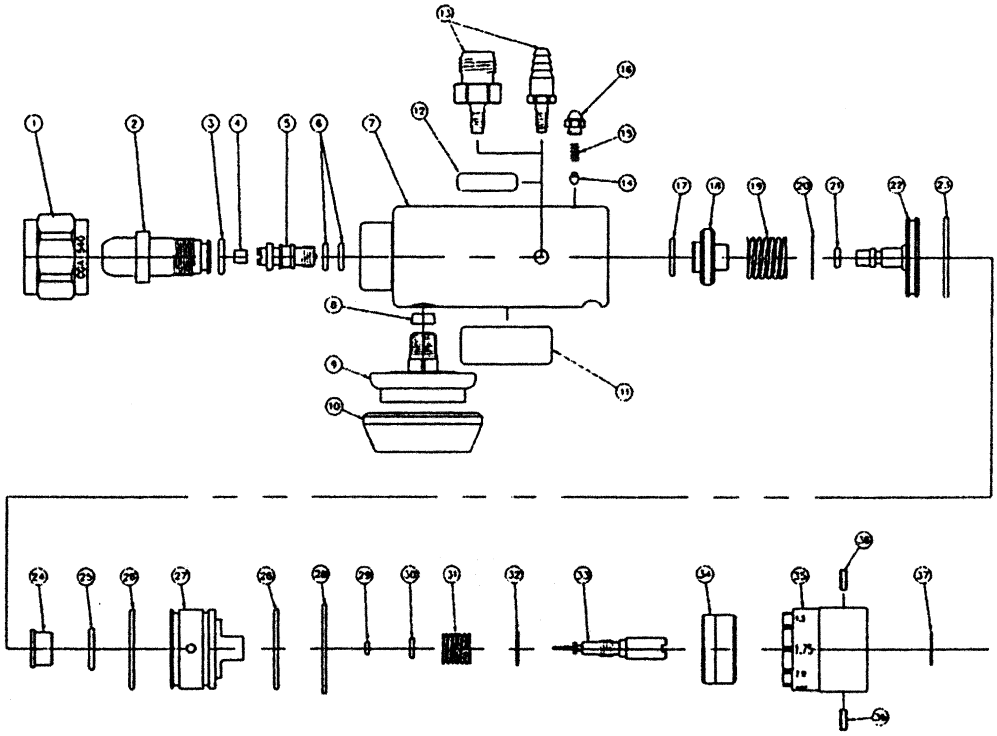
Item #	Part #	Description
1.	#69-20338	Tee Handle
2.	#34-1046	Heli-Coil Insert
3.	#34-2544-2	Seal Washer
4.	#34-P-2	Yoke Pins
5.	#34-S-18	Filter
6.	#34-2523-2	Seat Insert
7.	#34-RO-010E	O-Ring
8.	See Chart	Body
9.	#34-2034	Screen
10.	See Chart	HP Gauge
11.	See Chart	Gauge Protector
12.	See Chart	Body Label
13.	See Chart	Caution Label
14.	See Chart	Outlet Bushing
15.	#34-2551	Plunger
16.	#34-2552	Plunger Spring
17.	#34-2550	Plunger Housing
18.	#34-RO-013E	O-Ring

Item #	Part #	Description
19.	#34-2506-1	Safety insert
20.	#34-2538-4	Piston Spring
21.	#34-2544-3	Shim Washer
22.	#34-RO-007E	O-Ring
23.	#34-2548-2	Piston
24.	#34-RO-023V90	O-Ring
25.	#34-2536-1	Valve Seat
26.	#34-RO-014E	O-Ring
27.	#34-RO-023E	O-Ring
28.	#34-2519-1	Housing
29.	#34-2533	Retainer Ring
30.	#34-RO-004E	O-Ring
31.	#34-RO-007E	O-Ring
32.	#34-2538-2	Valve Spring
33.	#34-2544-1	Shim Washer
34.	See Chart	Needle Valve
35.	#34-2549	Knob Insert
36.	See Chart	Adjusting Knob
37.	#34-1421-2	Set Screw
38.	#34-2530	Knob Decal

XA SERIES LARGE CYLINDER REGULATORS

Parts List For: XA-2701 (2 lpm), XA-2721 (5 lpm), XA-2721 (8 lpm), XA-2421 (8 lpm), XA-2731 (15 lpm), XA-2431 (15 lpm),
Adjustable Single Stage Unibody Piston Regulator
Oxygen (CGA 540) Rear Inlet

Regulator #	Needle Valve Item Number #33	Adjusting Knob Item Number #35	Outlet Item #13	Body Decal Item #11	Caution Label Item #12
XA-2701	#34-2543	#34-2521-12	#34-2522	#34-2530-12	N/A
XA-2711	#34-2543-1	#34-2521-13	#34-2522	#34-2530-14	N/A
XA-2721	#34-2543-2	#34-2521-14	#34-2522	#34-2530-16	#34-2530-40
XA-2421	#34-2543-2	#34-2521-14	#34-2522-2	#34-2530-36	N/A
XA-2731	#34-2543-3	#34-2521-15	#34-2522	#34-2530-18	N/A
XA-2431	#34-2543-3	#34-2521-15	#34-2522-2	#34-2530-37	#34-2530-40



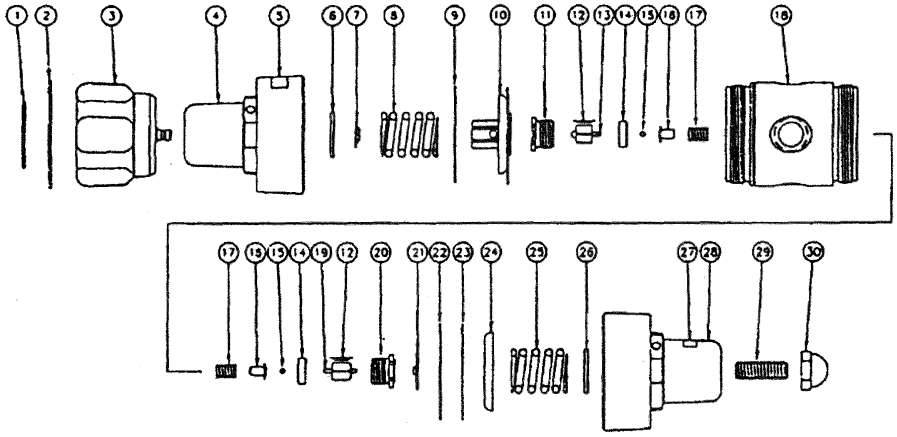
Item #	Part #	Description
1.	#69-20468	Nut
2.	#34-2722-1	Nipple
3.	#34-RO-012E	O-Ring
4.	#34-S-18	Filter
5.	#34-2523-2	Seat Insert
6.	#34-RO-010E	O-Ring
7.	#34-2504-12	Body
8.	#34-2034	Screen
9.	#69-20058	Gauge
10.	#34-G15A-PCE	Gauge Protector
11.	See Chart	Body Decal
12.	See Chart	Caution Label
13.	See Chart	Outlet
14.	#34-2519-1	Plunger
15.	#34-2552	Spring
16.	#34-2550	Plunger Housing
17.	#34-RO-013E	O-Ring
18.	#34-2506-1	Safety Insert

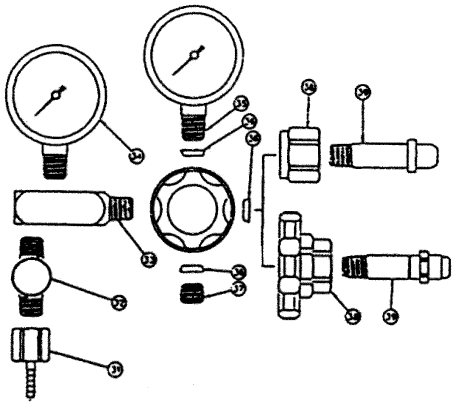
Item #	Part #	Description
19.	#34-2538-4	Piston Spring
20.	#34-2544-3	Shim Washer
21.	#34-RO-007E	O-Ring
22.	#34-2548-2	Piston
23.	#34-RO-023Y90	O-Ring
24.	#34-2536-1	Valve Seat
25.	#34-RO-014E	O-Ring
26.	#34-RO-023E	O-Ring
27.	#34-2519-1	Housing
28.	#34-2533	Retaining Ring
29.	#34-RO-004E	O-Ring
30.	#34-RO-007E	O-Ring
31.	#34-2538-2	Needle Valve Spring
32.	#34-2544-1	Shim Washer
33.	See Chart	Needle Valve
34.	#34-2549	Knob Insert
35.	See Chart	Adjusting Knob
36.	#34-1421-2	Set Screw
37.	#34-2530	Knob Decal

M2 SERIES ADJUSTABLE PRESSURE (50 psi) REGULATORS

Parts List For: M2-XXX-PGX (100psi)
Adjustable Dual Stage Diaphragm Regulator, CGA 280 - 580 Side Inlet

Model Regulator #	Inlet Connection Items #25 & #26	Bonnet Label #2
M2-280-PGB	#34-M28-1 & #34-M28-5	#34-1129-H
M2-280-PGBH	#34-M28-10P & #34-M28-12	#34-1129-H
M2-320-PGB	#69-20471 & #69-20466	#34-1129-E
M2-320-PGBH	#34-M30-10P & #34-M30-11	#34-1129-E
M2-326-PGB	#69-204-69 & #69-204-64	#34-1129-F
M2-326-PGBH	#34-M32-10P & #34-M32-11	#34-1129-F
M2-346-PGB	#69-204-70 & #69-204-65	#34-1129-D
M2-346-PGBH	#34-M34-10P & #34-M34-11	#34-1129-D
M2-500-PGB	#69-21479 & #69-21478	#34-1129-H
M2-500-PGBH	#34-M50-10P & #34-M50-11	#34-1129-H
M2-540-PGB	#69-204-68 & #69-204-63	#34-1129-C
M2-540-PGBH	#34-M54-10P & #34-M54-11	#34-1129-C
M2-580-PGB	#69-204-72 & #69-204-67	#34-1129-G
M2-580-PGBH	#34-M58-10P & #34-M58-13	#34-1129-G





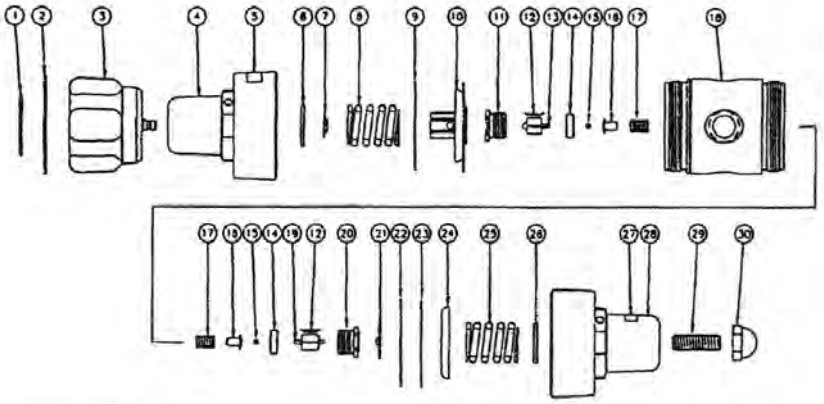
Item #	Part #	Description
1.	#34-1030	Knob Label
2.	See Chart	Bonnet Label
3.	#34-10-K2	Bonnet Knob
4.	#34-1005-1	Bonnet
5.	#34-M1-XXX-XXXXX	Part # Label
6.	#34-1027	Pivot
7.	#34-1024	Push Nut (2) ea.
8.	#34-1038	Bonnet Spring
9.	#34-1033	Slip Ring
10.	#SU-10	Safety Valve

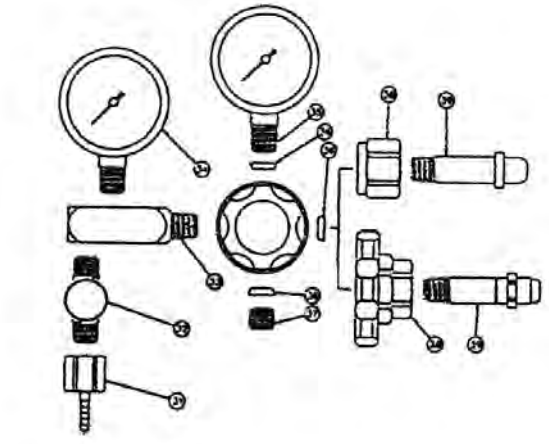
Item #	Part #	Description
11.	#34-1006-2	Bushing
12.	#34-1101	Anti-Vibrator
13.	#34-1131-1	Plunger
14.	#34-11-T	Seat
15.	#34-1102	Ball Bearing
16.	#34-1043	Valve
17.	#34-1038-1	Valve Spring
18.	#34-1204	Body
19.	#34-1131	Plunger
20.	#34-1006	Bushing
21.	#34-1013	Plunger Disc
22.	#34-1211	Diaphragm
23.	#34-1233	Brass Slip Ring
24.	#34-1012	Back-Up Disc
25.	#34-1238	Bonnet Spring
26.	#34-1027-1	Pivot
27.	#34-2130	Do Not Adjust Label
28.	#34-1005-1	Bonnet
29.	#34-2135-2	Set Screw
30.	#34-2124	Acorn Nut
31.	#34-MH-15	Outlet Barb
32.	#34-WMV-5-10	Needle Valve
33.	#34-MGA-5	Outlet Block
34.	#69-20015	L.P. Gauge
35.	#69-20002	HP. Gauge
36.	#34-1134	Filter
37.	#69-20651	1/4" NPT Plug
38.	See Chart	Inlet Nuts
39.	See Chart	Inlet Nipples

M2 SERIES ADJUSTABLE PRESSURE (100 psi) REGULATORS

Parts List For: M2-XXX-PGX (100psi)
Adjustable Dual Stage Diaphragm Regulator, CGA 280 - 580 Side Inlet

Regulator #	H.P Gauge Item Number #34	L.P Gauge Item Number #33	Outlet Item #31	Part # Label Item # 5	Inlet Connection Items #38 & #39
M2-280-PG	#69-20002	#69-20009	#34-M02-5	#34-1129-H	#34-M28-1 & #34-M28-5
M2-280-PGH	#69-20002	#69-20009	#34-M02-5	#34-1129-H	#34-M28-10P & #34-M28-11
M2-320-PG	#69-20002	#69-20009	#69-20429	#34-1129-E	#69-20466 & #69-20471
M2-320-PGH	#69-20002	#69-20009	#69-20429	#34-1129-E	#34-M30-10P & #34-M30-11
M2-326-PG	#69-20004	#69-20010	#69-20231	#34-1129-F	#69-204-69 & #69-20464
M2-326-PGH	#69-20004	#69-20010	#69-20231	#34-1129-F	#34-M32-10P & #34-M32-11
M2-346-PG	#69-20002	#69-20009	#69-20233	#34-1129-D	#69-20470 & #69-20465
M2-346-PGH	#69-20002	#69-20009	#69-20233	#34-1129-D	#34-M34-10P & #34-M34-11
M2-500-PG	#69-20002	#69-20009	#34-M02-5	#34-1129-H	#69-21479 & #69-21478
M2-500-PGH	#69-20002	#69-20009	#34-M02-5	#34-1129-H	#34-M50-10P & #34-M50-11
M2-540-PG	#34-20001	#69-20008	#69-20177	#34-1129-C	#69-204-68 & #69-20463
M2-540-PGH	#69-20001	#69-20008	#69-20177	#34-1129-C	#34-M54-10P & #34-M54-11
M2-580-PG	#69-20002	#69-20009	#69-20320	#34-1129-G	#69-20472 & #69-20467
M2-580-PGH	#69-20002	#69-20009	#69-20320	#34-1129-G	#34-M58-10P & #34-M58-11





Item #	Part #	Description
1.	#34-1030	Knob Label
2.	#34-1129-C	Bonnet Label
3.	#34-10-K2	Bonnet Knob
4.	#34-1005-1	Bonnet
5.	#34-M2-XXX-XXXXX	Part # Label
6.	#34-1027	Pivot
7.	#34-1024	Push Nut (2) ea.
8.	#34-1038	Bonnet Spring
9.	#34-1033	Slip Ring
10.	#SU-10	Safety Valve

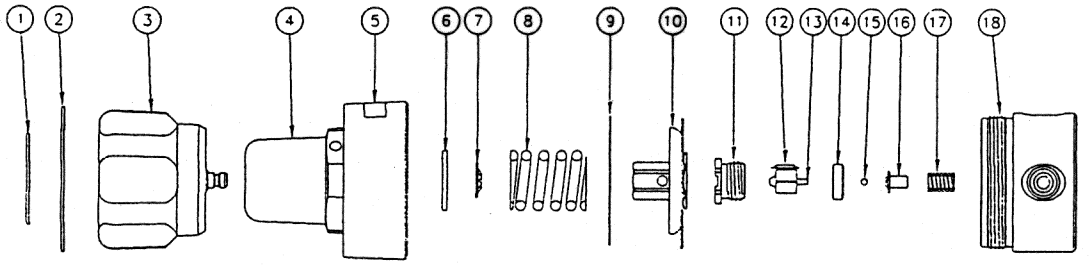
Item #	Part #	Description
11.	#34-1006-2	Bushing
12.	#34-1101	Anti-Vibrator
13.	#34-1131-1	Plunger
14.	#34-11-T	Seat
15.	#34-1102	Ball Bearing
16.	#34-1143	Valve
17.	#34-1038-1	Valve Spring
18.	#34-1204	Body
19.	#34-1131	Plunger
20.	#34-1006	Bushing
21.	#34-1013	Plunger Disc
22.	#34-1211	Diaphragm
23.	#34-1233	Brass Slip Ring
24.	#34-1012	Back-Up Disc
25.	#34-1238	Bonnet Spring
26.	#34-1027-1	Pivot
27.	#34-2130	Do Not Adjust Label
28.	#34-1005-1	Bonnet
29.	#34-2135-2	Set Screw
30.	#34-2124	Acorn Nut
31.	See Chart	Outlet Bushing
32.	#34-MGA-5	Outlet Block
33.	See Chart	L.P. Gauge
34.	See Chart	H.P. Gauge
35.	#34-1134-3	Filter
36.	#34-1134	Filter
37.	#69-20651	1/4" NPT Plug
38.	See Chart	Inlet Nuts & Yoke
39.	See Chart	Inlet Nipples

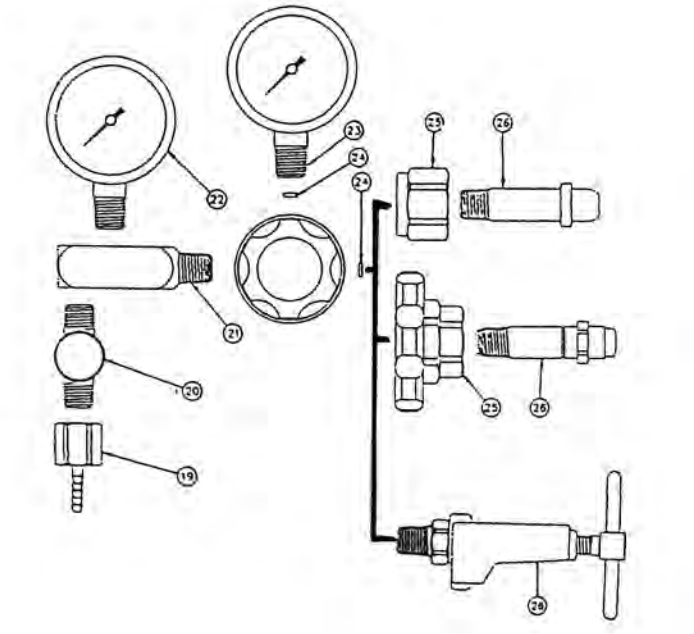
M1 SERIES ADJUSTABLE PRESSURE (60 psi) REGULATORS

Parts List For: M1-XXX-PGBX (60 psi)
Adjustable Single Stage Diaphragm Regulator, CGA 280 - 580 Side Inlet and CGA - 860 - 973 Side Inlet

Regulator #	Inlet Connection Items #25 & # 26	Bonnet Label Item #2
#34-M1-280-PGB	#34-M28-1 & #34-M28-5	#34-1129-H
#34-M1-280-PGBH	#34-M28-10P & #34-M28-12	#34-1129-H
#34-M1-320-PGB	#69-20471 & #69-20466	#34-1129-E
#34-M1-320-PGBH	#34-M30-10P & #34-M30-11	#34-1129-E
#34-M1-326-PGB	#69-20469 & #69-20464	#34-1129-F
#34-M1-326-PGBH	#34-M32-10P & #34-M32-11	#34-1129-F
#34-M1-346-PGB	#69-20470 & #69-20465	#34-1129-D
#34-M1-346-PGBH	#34-M34-10P & #34-M34-11	#34-1129-D
#34-M1-500-PGB	#69-21479 & 69-21478	#34-1129-H
#34-M1-500-PGBH	#34-M50-10P & #34-M50-11	#34-1129-H
#34-M1-540-PGB	#69-20468 & 69-20463	#34-1129-C
#34-M1-540-PGBH	#34-M54-10P & #34-M54-11	#34-1129-C
#34-M1-580-PGB	#69-20472 & #69-20467	#34-1129-G
#34-M1-580-PGBH	#34-M58-10P & #34-M58-13	#34-1129-G

Regulator #	Inlet Connection Items #26	Bonnet Label Item # 2
#34-M1-860-PGB	#69-207-20	#34-1129-H
#34-M1-870-PGB	#69-203-33	#34-1129-C
#34-M1-880-PGB	#69-207-19	#34-1129-H
#34-M1-890-PGB	#69-207-18	#34-1129-H
#34-M1-910-PGB	#69-203-34	#34-1129-F
#34-M1-930-PGB	#69-207-17	#34-1129-H
#34-M1-940-PGB	#69-203-37	#34-1129-E
#34-M1-950-PGB	#69-203-35	#34-1129-D
#34-M1-960-PGB	#69-203-36	#34-1129-G
#34-M1-973-PGB	#69-207-24	#34-1129-H



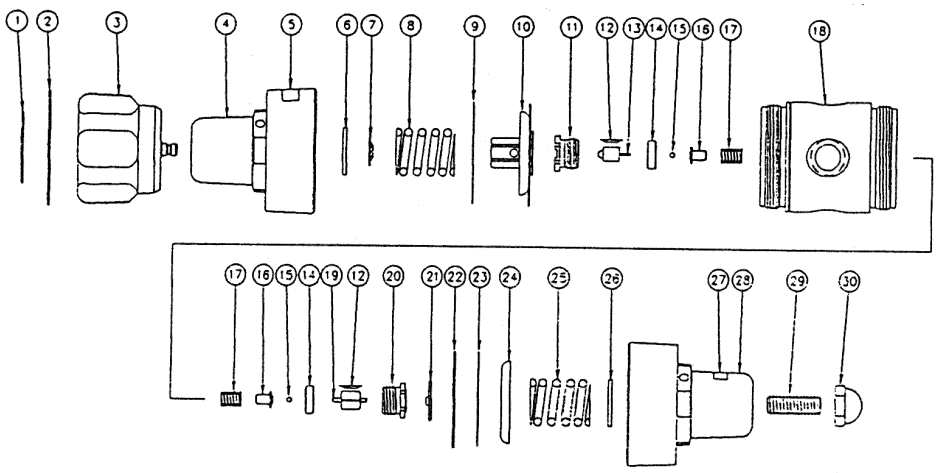


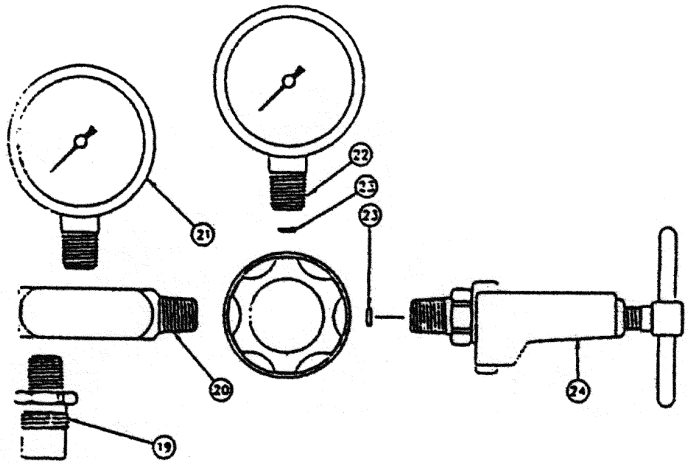
Item #	Part #	Description
1.	#34-1030	Knob Label
2.	See Chart	Bonnet Label
3.	#34-10-K2	Bonnet Knob
4.	#34-1005-1	Bonnet
5.	#34-M1-XXX-XXXXX	Part # Label
6.	#34-1027	Pivot
7.	#34-1024	Push nut (2) ea.
8.	#34-1038	Bonnet Spring
9.	#34-1033	Slip Ring
10.	#34-SU-10	Safety Valve
11.	#34-1006-2	Bushing
12.	#34-1101	Anti-Vibrator
13.	#34-1131-1	Plunger
14.	#34-11-T	Seat
15.	#34-1102	Ball Bearing
16.	#34-1143	Valve
17.	#34-1038-1	Valve Spring
18.	#34-1104-3	Body
19.	#34-MH-15	Outlet Barb
20.	#34-WMV-5-10	Needle Valve
21.	#34-MGA-5	Outlet Block
22.	#69-200-15	L.P. Gauge
23.	#69-200-02	H.P. Gauge
24.	#34-1134-3	Filter
25.	See Chart	Inlet Nuts
26.	See Chart	Inlet Nipples or Yoke

M1 SERIES ADJUSTABLE PRESSURE (50 psi) REGULATORS

Parts List For: M2-XXX-PGBX (100psi)
Adjustable Single Stage Diaphragm Regulator, CGA 280 - 580 Side Inlet and CGA - 973 side inlet

Regulator#	H.P Gauge Item Number# 22	L.P Gauge Item Number# 21	Outlet Item # 19	Bonnet Label Item # 2	Inlet Connection Item #24
M1-860-PG	#69-20001	#69-20008	#69-20177	#34-1129-H	#69-207-20
M1-870-PG	#69-20001	#69-20008	#69-20177	#34-1129-C	#69-203-33
M1-880-PG	#69-20002	#69-20009	#69-20177	#34-1129-H	#69-207-19
M1-890-PG	#69-20002	#69-20009	#69-20177	#34-1129-H	#69-207-18
M1-910-PG	#69-20004	#69-20010	#69-20231	#34-1129-F	#69-203-34
M1-930-PG	#69-20002	#69-20009	#69-20428	#34-1129-H	#69-207-17
M1-940-PG	#69-20002	#69-20009	#69-20428	#34-1129-E	#69-203-37
M1-950-PG	#69-20002	#69-20009	#69-20233	#34-1129-D	#69-203-35
M1-960-PG	#69-20002	#69-20009	#69-20320	#34-1129-G	#69-203-36
M1-973-PG	#69-20002	#69-20009	#69-20320	#34-1129-H	#69-207-24





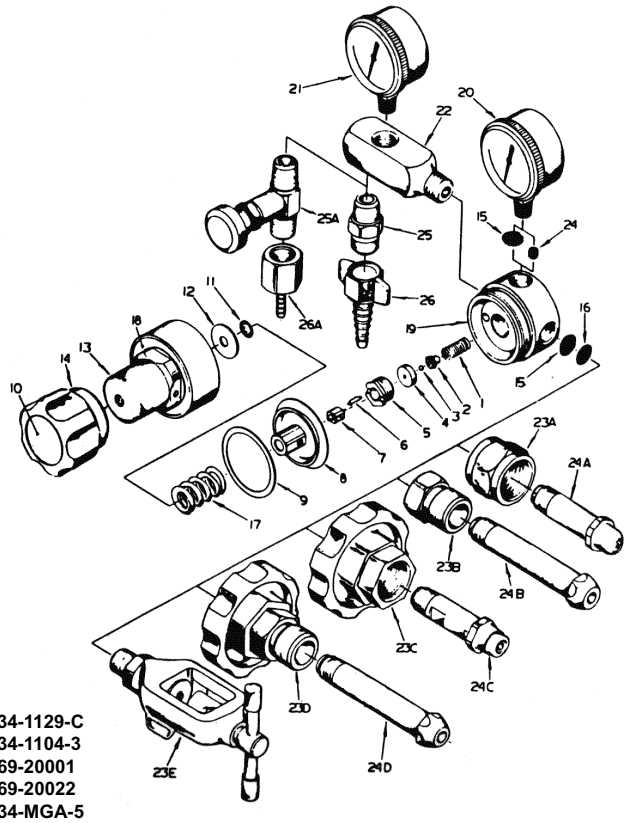
Item #	Part #	Description
1.	#34-1030	Knob Label
2.	See Chart	Bonnet Label
3.	#34-10-K2	Bonnet Label
4.	#34-1005-1	Bonnet
5.	#34-M1-XXX-XXXXX	Part # Label
6.	#34-1027	Pivot
7.	#34-1024	Push nut (2) ea.
8.	#34-1038	Bonnet Spring
9.	#34-1033	Slip Ring
10.	#34-SU-10	Safety Valve
11.	#34-1006-2	Bushing
12.	#34-1101	Anti-Vibrator
13.	#34-1131-1	Plunger
14.	#34-11-T	Seat
15.	#34-1102	Ball Bearing
16.	#34-1143	Valve
17.	#34-1038-1	Valve Spring
18.	#34-1104-3	Body
19.	See Chart	Outlet Bushing
20.	#34-MGA-5	Outlet Block
21.	See Chart	L..P. Gauge
22.	See Chart	H.P. Gauge
23.	#34-1134-3	Filter
24.	See Chart	Inlet Yoke

M1-Series Flow Gauge And Blood Gas Regulators

M1-500-PGB, M1-500PGB, BM1-540-FG, M1-540-FGH, M1-540-5FG, M1-540-5FGH M1-540-BFG, M1-540-BFGM, M1-860-PGB, M1-870-FG1, M1-875-5FG, M1-870-8FG1

COMMON PARTS

KEY NO.	DESCRIPTION	PART NO.
1.	SPRING	#34-1038-1
2.	VALVE	#34-1043
3.	BALL	#34-1002
4.	SEAT ASSEMBLY	#34-10-T
5.	BUSHING	#34-1006-2
6.	ANTI-VIBRATOR	#34-1001
7.	PLUNGER ASSEMBLY	#34-10-PO1
8.	SAFETY VALVE ASSEMBLY	#34-SU-10
9.	SLIP RING	#34-1033
10.	DECAL	#34-1030
11.	PUSHNUT (2 REQUIRED)	#34-1024
12.	PIVOT	#34-1027
13.	BONNET	#34-1005-1
14.	KNOB	#34-10-K6
15.	SCREEN	#34-1134
16.	SCREEN	#34-1134-1
17.	SPRING	#34-1038



M1-500-PGB

18.	NAMEPLATE	#34-1129-54A
19.	BODY	#34-1104-35M
20.	H.P. GAUGE	#69-20002
21.	L.P. GAUGE	#69-20009
22.	OUTLET ELK	#34-MGA-5
23B.	NUT	#69-21479
24.	NIPPLE	#34-M50-7
25A.	VALVE	#34-WMV-5-10
26A.	NIPPLE	#34-MH-15

M1-500-PGB

18.	NAMEPLATE	#34-1229-55A
19.	BODY	#34-1104-35M
20.	H.P. GAUGE	#69-20002
21.	L.P. GAUGE	#69-20009
22.	OUTLET BLK	#34-MGA-5
23D.	H/T NUT	#34-M50-10P
24D.	NIPPLE	#69-21478
25A.	VALVE	#34-WMV-5-10
26A.	NIPPLE	#34-MH-15

M1-540-FG

18.	NAMEPLATE	#34-1129-4
39.	BODY	#34-1104-3
20.	H.P. GAUGE	#69-20001
21.	DEL. GAUGE	#69-20006
22.	OUTLET BLK	#34-MGA-5
23A	NUT	#69-20468
24A	NIPPLE	#69-20463
25.	HOSE CONN	#69-21004
26.	SWIVEL CONN (50)	#10-81050

M1-540-FGH

18.	NAMEPLATE	#34-1129-57A
19.	BODY	#34-1104-3
20.	H.P. GAUGE	#69-20001
21.	DEL. GAUGE	#69-20006
22.	OUTLET BLK	#34-MGA-5
23C.	H/T NUT	#69-21480
24C.	NIPPLE	#34-M54-11
25.	HOSE CONN	#69-21004
26.	SWIVEL CONN (50)	#10-81050

M1-540-5FG

18.	NAMEPLATE	#34-1129-C
19.	BODY	#34-1104-3
20.	H.P. GAUGE	#69-20001
21.	DEL. GAUGE	#69-20023
22.	OUTLET BLK	#34-MGA-5
23A	NUT	#69-20468
24A.	NIPPLE	#69-20463
25.	HOSE CONN	#69-21007
26.	SWIVEL CONN (50)	#10-81050

M1-540-8FG

18.	NAMEPLATE	#34-1129-C
19.	BODY	#34-1104-3
20.	H.P. GAUGE	#69-20001
21.	DEL. GAUGE	#69-20022
22.	OUTLET BLK	#34-MGA-5
23A	NUT	#69-20468
24A	NIPPLE	#69-20463
25.	HOSE CONN	#69-21005
26.	SWIVEL CONN (50)	#10-81050

M1-540-5FGH

18.	NAMEPLATE	#34-1129-C
19.	BODY	#34-1104-3
20.	H.P. GAUGE	#69-20001
21.	DEL. GAUGE	#69-20023
22.	OUTLET BLK	#34-MGA-5
23C.	H/T NUT	#69-21480
24.	NIPPLE	#34-M54-11
25.	HOSE CONN	#69-21007
26.	SWIVEL CONN (50)	#10-81050

M-540-8FGH

18.	NAMEPLATE	#34-1129-C
29.	BODY	#34-1104-3
20.	H.P. GAUGE	#69-20001
21.	DEL. GAUGE	#69-20022
22.	OUTLET BLK	#34-MGA-5
23C.	H/T NUT	#69-21480
24C.	NIPPLE	#34-M54-11
25.	HOSE CONN	#69-21005
25.	SWIVEL CONN (50)	#10-81050

M1-880-PGB

18.	NAMEPLATE	#34-1129-56A
19.	BODY	#34-1104-35M
20.	H.P. GAUGE	#69-20002
21.	DEL. GAUGE	#69-20009
22.	OUTLET BLK	#34-MGA-5
23E.	YOKE	#69-20724
25A.	VALVE	#34-WMV-5-10
26A.	NIPPLE	#34-MH-15

M1-870-FG1

18.	NAMEPLATE	#34-1129-2A
19.	BODY	#34-1104-1
20.	H.P. GAUGE	#69-20000
21.	L.P. GAUGE	#69-20005
22.	OUTLET BLK	#34-1103
23E.	YOKE	#69-20333
24.	FILTER	#34-S-18
25.	HOSE CONN	#69-21004
26.	SWIVEL CONN (50)	#10-81050

M1-870-5FG

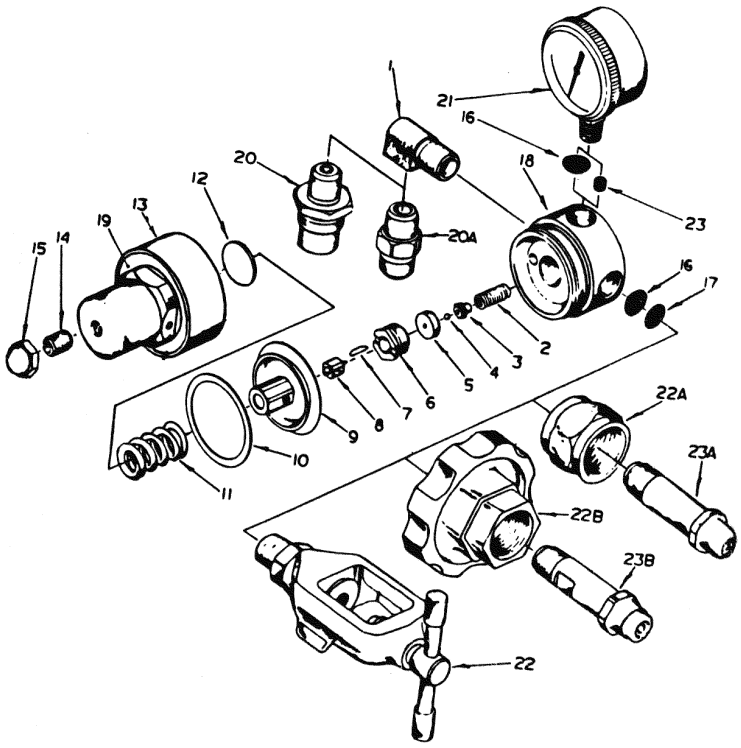
18.	NAMEPLATE	#34-1129-C
19.	BODY	#34-1104-3
20.	H.P. GAUGE	#69-20001
21.	DEL. GAUGE	#69-20023
22.	OUTLET BLK	#34-MGA-5
23E.	YOKE ASSY.	#69-20333
25.	HOSE CONN	#69-21007
26.	SWIVEL CONN (50)	#10-81050

M1-870-8FG1

18.	NAMEPLATE	#34-1129-12A
19.	BODY	#34-1104-1
20.	H.P. GAUGE	#69-20000
21.	DEL. GAUGE	#69-20021
22.	OUTLET BLK	#34-1103
23E.	YOKE	#69-20333
24.	FILTER	#34-S-18
25.	HOSE CONN	#69-21002
26.	SWIVEL CONN (50)	#10-81050

M1-Series Pre-Set Pressure Regulators

M1-950-P, M1-346-P, M1-326-P, M1-326-PH, M1-346-PH, M1-540-PH, M1-910-P, M1-870-P



COMMON PARTS

KEY NO.	DESCRIPTION	PART NO.
1.	ELBOW ADAPTER	#69-20214
2.	SPRING	#34-1038-1
3.	VALVE	#34-1143
4.	BALL	#34-1102
5.	SEAT ASSEMBLY	#34-11-T
6.	BUSHING	#34-1006-2
7.	ANTI-VIBRATOR	#34-1101
8.	PLUNGER	#34-1131-1
9.	SAFETY VALVE ASSY.	#34-SU-10
10.	SLIP RING	#34-1033
11.	SPRING	#34-1038
12.	PIVOT	#34-1027-1
13.	BONNET	#34-1005-1
14.	SET SCREW	#34-2135
15.	ACORN NUT	#34-2124
16.	SCREEN (2 Req'd)	#34-1134
17.	SCREEN	#34-1134-1

M1-326-P

18.	BODY	#34-1104-3
19.	NAMEPLATE	#34-1129-F
20.	ADAPTER	#69-20231
21.	H.P. GAUGE	#69-20004
22A.	NUT	#69-20469
23A.	NIPPLE	#69-20464

M1-346-P

18.	BODY	#34-1104-3
19.	NAMEPLATE	#34-1129-D
20.	ADAPTER	#69-20233
21.	H.P. GAUGE	#69-20002
22A.	NUT	#69-20470
23A.	NIPPLE	#69-20465

M1-540-P

18.	BODY	#34-1104-3
19.	NAMEPLATE	#34-1129-C
20A.	HOSE CONN.	#69-20177
21.	H.P. GAUGE	#69-20001
22A.	NUT	#69-20468
23A.	NIPPLE	#69-20463

M2-326-PH

18.	BODY	#34-1104-3
19.	NAMEPLATE	#34-1129-F
20.	ADAPTER	#69-20231
21.	H.P. GAUGE	#69-20004
22B.	H/T NUT	#34-M3210P
23B.	NIPPLE	#34-M32-11

M1-346-PH

18.	BODY	#34-1104-3
19.	NAMEPLATE	#34-1129D
20.	ADAPTER	#69-20233
21.	H.P GAUGE	#69-20002
22B.	H/T NUT	#34-M34-10P
23B.	NIPPLE	#34-M34-11

M1-540-PH

18.	BODY	#34-1104-3
19.	NAMEPLATE	#34-1129-C
20A.	HOSE CONN.	#69-20177
21.	H.P. GAUGE	#69-20001
22S.	H/T NUT	#69-21480
23B.	NIPPLE	#34-M54-11

M1-910-P

18.	BODY	#34-1104-3
19.	NAMEPLATE	#34-1129-F
20.	ADAPTER	#69-20231
21.	H.P. GAUGE	#69-20004
22.	YOKE	#69-20334

M1-870-P

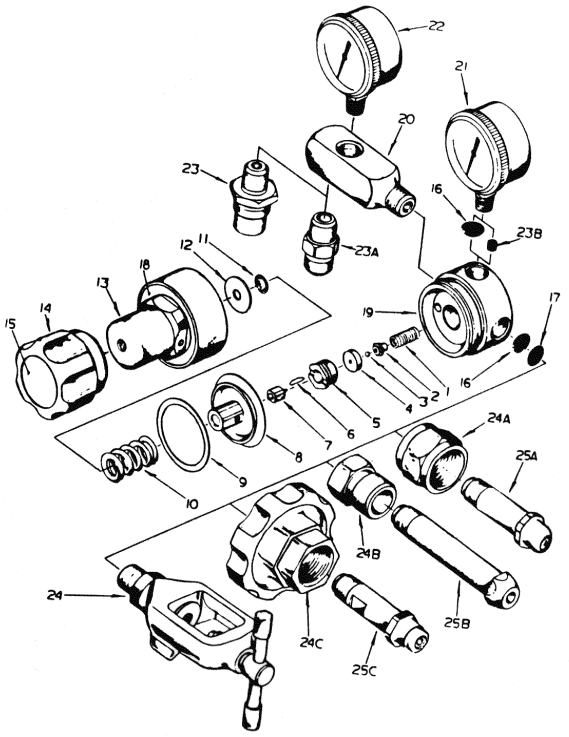
18.	BONY	#34-1104-3
19.	NAMEPLATE	#34-1129G
20.	ADAPTER	#69-20177
21.	H.P. GAUGE	#69-20001
22.	YOKE	#69-20333

M1-950-P

18.	BODY	#34-1104-3
19.	NAMEPLATE	#34-1129-G
20.	ADAPTER	#69-20233
21.	H.P. GAUGE	#69-20003
22.	YOKE	#69-20335
23.	FILTER	#34-S-18

M1-SERIES PRESSURE GAUGE REGULATORS

M1-280-PG, M1-281-PG, M1-282-PG, M1-320-PG,M1-326-PG, M1-326-PGH, M1-346-PG, M1-346-PGH, M1-500-PG, M1-501-PG, M1-502-PG, M1-540-PG, M1-540-PGH, M1-580-PG, M1-581-PG, M1-870-PG1, M1-880-PG, M1-910-PG, M1-930-PG, M1-940-PG, M1-950-PG, M1-960-PG



COMMON PART

KEY NO.	DESCRIPTION	
1.	VALVE SPRING	#34-1038-1
2.	VALVE	#34-1143
3.	BALL	#34-1102
4.	SEAT ASSEMBLY (2)	#34-11-T
5.	BUSHING	#34-1006-2
6.	ANTI VIBRATOR	#34-1101
7.	PLUNGER	#34-1131-1
8	SAFETY VALVE ASSY.	#34-SU-10
9.	SLIP RING	#34-1033
10.	DELIVERY SPRING	#34-1038
11.	PUSHNUT (2)	#34-1024
12.	PIVOT	#34-1027
13.	BONNET	#34-1005-1
14.	ADJUSTING KNOB	#34-10-K6
15.	DECAL	#34-1130
16.	SCREEN (2)	#34-1134
17.	SCREEN	#34-1134-1

M1-280-PG

18.	NAMEPLATE	#34-1129-B
19.	BODY	#34-1104-35M
20.	OUTLET BLK	#34-MGA-5
21.	H.P. GAUGE	#69-20002
22.	L.P. GAUGE	#69-20009
23.	ADAPTER	#34-M02-5
24A.	NUT	#34-M28-1
25A.	NIPPLE	#34-M28-5

M1-281-PG

18.	NAMEPLATE	#34-1129-B
19.	BODY	#34-1104-35M
20.	OUTLET BLK.	#34-MGA-5
21.	H.P. GAUGE	#69-20002
22.	L.P. GAUGE	#69-20009
23.	ADAPTER	#69-20429
24A .	NUT	#69-20471
25.	NIPPLE	#69-20466

M1-282-PG

18.	NAMEPLATE	#34-1129-B
19.	BODY	#34-1104-35M
20.	OUTLET BLK	#34-MGA-5
21.	H.P. GAUGE	#69-20002
22.	L.P. GAUGE	#69-20009
23.	ADAPTER	#34-M20-5
24A.	NUT	#34-M28-1
25A.	NIPPLE	#34-M28-5

M1-326-PG

18.	NAMEPLATE	#34-1129-B
19.	BODY	#34-1104-35M
20.	OUTLET BLK	#34-MGA-S
21.	H.P. GAUGE	#69-20002
22.	L.P. GAUGE	#69-20009
23.	ADAPTER	#69-20231
24A..	NUT	#69-20469
25A..	NIPPLE	#69-20464

M1-346-PG

18.	NAMEPLATE	#34-1129-46A
19.	BODY	#34-1104-3MA
20.	OUTLET BLK	#34-MGA-5
21.	H.P. GAUGE	#69-20002
22.	L.P. GAUGE	#69-20009
23.	ADAPTER	#69-20233
24A.	NUT	#69-20470
25A.	NIPPLE	#69-20465

M1-500-PG

18.	NAMEPLATE	#34-1129-B
19.	BODY	#34-1104-3SM
20.	OUTLET BLK	#34-MGA-5
21.	H.P. GAUGE	#69-20002
22.	L.P. GAUGE	#69-20009
23.	ADAPTER	#34-M02-5
24B.	NUT	#69-21479
25B.	NIPPLE	#69-21478

M1-501-PG

18.	NAMEPLATE	#34-1129-B
19.	BODY	#34-1104-3SM
20.	OUTLET BLK	#34-MGA-5
21.	H.P. GAUGE	#69-20002
22.	L.P. GAUGE	#69-20009
23.	ADAPTER	#69-20928
24B.	NUT	#69-21479
25B.	NIPPLE	#69-21478

M1-870-PG

18.	NAMEPLATE	#34-1129-38A
19.	BODY	#34-1104-1
20.	OUTLET BLK	#34-1103
21.	H.P. GAUGE	#69-20000
22.	L.P. GAUGE	#69-20007
23A.	H. CONN	#69-20177
23B.	FILTER	#34-S18
25B.	YOKE	#69-20333

502-PG

18.	NAMEPLATE	#34-1129-B
19.	BODY	#34-1104-3SM
20.	OUTLET BLK	#34-MGA-5
21.	H.P. GAUGE	#69-20002
22.	L.P. GAUGE	#69-20009
23.	ADAPTER	#69-20429
24B.	NUT	#69-21479
25B.	NIPPLE	#69-21478

M1-540-PG

18.	NAMEPLATE	#34-1129-35A
19.	BODY	#34-1104-3
20.	OUTLET BLK	#34-MGA-5
21.	H.P. GAUGE	#69-20001
22.	L.P. GAUGE	#69-20008
23.	ADAPTER	#69-20177
24B.	NUT	#69-20468
25B.	NIPPLE	#69-20463

M1-880-PG

18.	NAMEPLATE	#34-1129-B
19.	BODY	#34-1104-3SM
20.	OUTLET BLK	#34-MGA-5
21.	H.P. GAUGE	#69-20002
22.	L.P. GAUGE	#69-20009
23.	ADAPTER	#34-M20-5
24.	YOKE	#69-20719

M1-910-PG

18.	NAMEPLATE	#34-1129-50A
19.	BODY	#34-1104-3N
20.	OUTLET BLK	#34-MGA-5
21.	H.P. GAUGE	#69-20004
22.	L.P. GAUGE	#69-20010
23.	ADAPTER	#69-20231
24.	YOKE	#69-20334

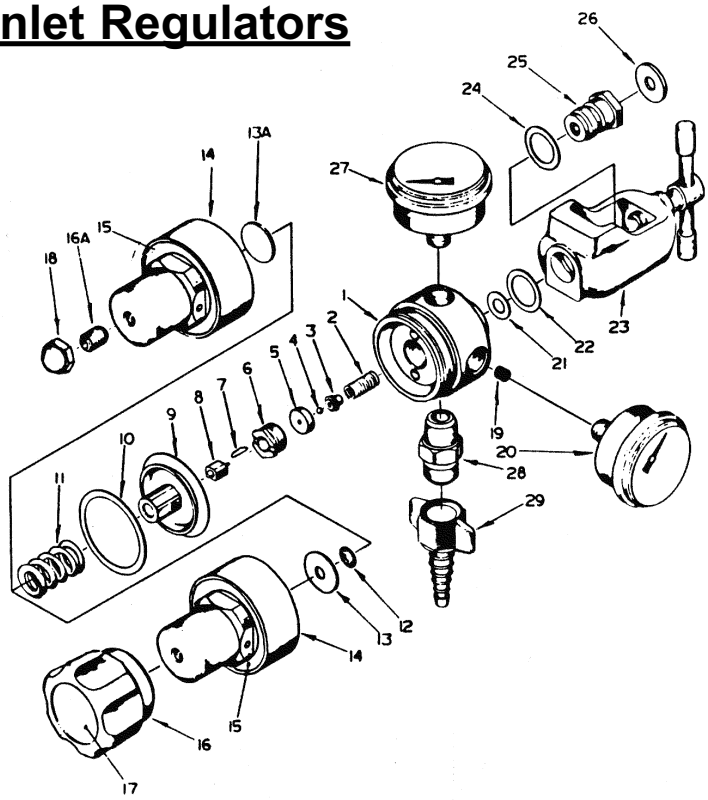
M1-940-PG

18.	NAMEPLATE	#34-1129-B
19.	BODY	#34-1104-3SM
20.	OUTLET BLK	#34-MGA-5
21.	H.P. GAUGE	#69-20002
22.	L.P. GAUGE	#69-20009
23.	ADAPTER	#69-20429
24.	YOKE	#69-20337

M1-950-PG

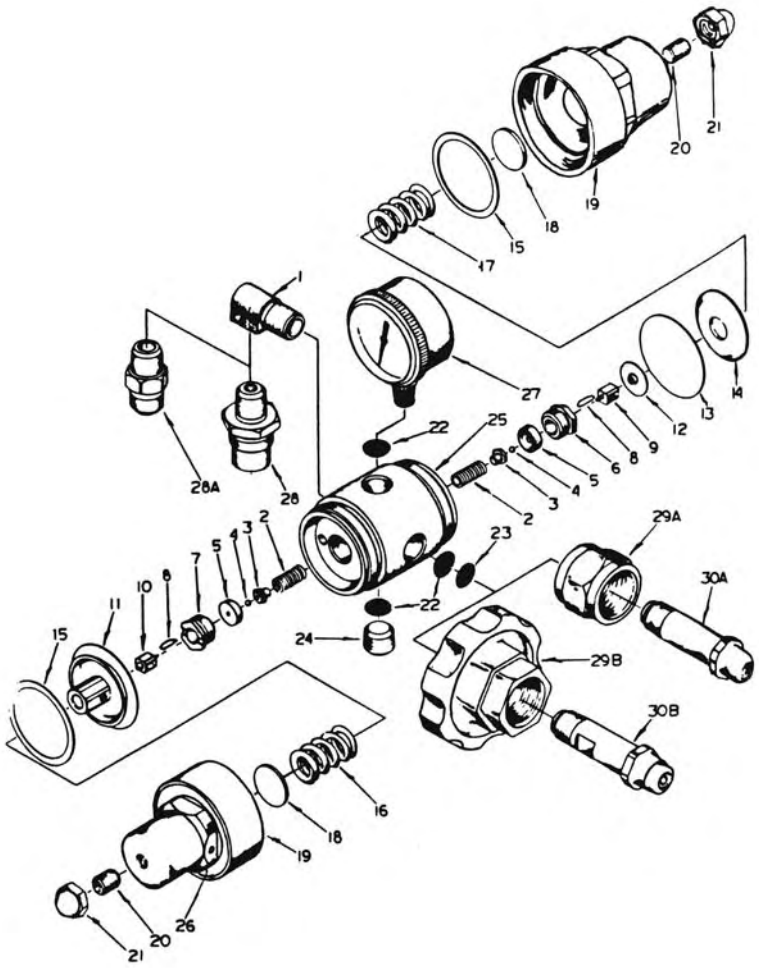
18.	NAMEPLATE	#34-1129-53A
19.	BODY	#34-1104-3MA
20.	OUTLET BLK	#34-MGA-5
21.	H.P. GAUGE	#69-20002
22.	L.P. GAUGE	#69-20009
23.	ADAPTER	#69-20233
24.	YOKE	#69-20335

MR-Series Rear Inlet Regulators



Key No.	Description	870-FG	MR-870-P	MR-870-8FG	MR-870-5FG	MR-870-5FGX	MRP-870-5FG
1	Regulator Body	#34-1004	#34-1004-2	#34-1004	#34-1004	#34-1004-3	#34-1044-6SP
2	Spring	#34-1038-1	#34-1038-1	#34-1038-1	#34-1038-1	#34-1038-1	#34-1038-1
3	Valve	#34-1043	#34-1143	#34-1043	#34-1043	#34-1043	#34-1043
4	Ball	#34-1002	#34-1102	#34-1002	#34-1002	#34-1002	#34-1002
5	Seat Assembly	#34-10-T	#34-11-T	#34-10-T	#34-10-T	#34-10-T	#34-10-T
6	Bushing	#34-1006-2	#34-1006-2	#34-1006-2	#34-1006-2	#34-1006-2	#34-1006-2
7	Anti-Vibrator	#34-1001	#34-1101	#34-1001	#34-1001	#34-1001	#34-1001
8	Plunger	#34-10-PO1	#34-1131-1	#34-10-PO1	#34-34-10-PO1	#34-10-PO1	#34-10-PO1
9	Safety Valve Assy.	#34-SU-10	#34-SU-10	#34-SU-10	#34-SU-10	#34-SU-10	#34-SU-10-2
10	Slip Ring	#34-1033	#34-1033	#34-1033	#34-1033	#34-1033	#34-1033
11	Spring	#34-1038	#34-1038	#34-1038	#34-1038	#34-1038	#34-1038
12	Push Nut (2 Req'd)	#34-1024	N/A	#34-1024	#34-1024	#34-1024	#34-1024
13	Pivot	#34-1027	N/A	#34-1027	#34-1027	#34-1027	#34-1027
	Pivot	N/A	#34-1027-1	N/A	N/A	N/A	N/A
14	Bonnet	#34-1005-1	N/A	#34-1005-1	#34-1005-1	#34-1005-1	#34-1005A
	Bonnet	N/A	#34-1005-1	N/A	N/A	N/A	N/A
15	Name Plate	#34-1129-C	#34-1029-4A	#34-1029-2A	#34-1029-12A	#34-1029-16A	N/A
16	Knob	#34-10K6	N/A	#34-10K6	#34-10K6	#34-10K6	#34-10-FB
16a	Set Screw	N/A	#34-2135	N/A	N/A	N/A	N/A
17	Decal	#34-1030	N/A	#34-1030	#34-1030	#34-1030	#34-1030
18	Acorn Nut	N/A	#34-2124	N/A	N/A	N/A	N/A
19	Filter	#34-S-18	#34-S-18	#34-S-18	#34-S-18	#34-S-16	#34-S-16
20	H.P. Gauge	#69-20012	#69-20012	#69-20012	#69-20012	N/A	#69-20012
21	Gasket	#34-1016	#34-1016	#34-1016	#34-1016	#34-1016	#34-1016
22	Washer	#34-1044	#34-1044	#34-1044	#34-1044	#34-1044	#34-1044
23	Yoke Assembly	#34-10-Y	#34-10-Y	#34-10-Y	#34-10-Y	#34-10-Y	#34-10-2Y
24	Washer	#34-1044-1	#34-1044-1	#34-1044-1	#34-1044-1	#34-1044-1	#34-1044-1
25	Stem Assembly	#34-10-D	#34-10-D	#34-10-D	#34-10-D	#34-10-D	#34-10-D
26	Sealing Washer (25/pkg)	#69-20339	#69-20339	#69-20339	#69-20339	#69-20339	#69-20339
27	Delivery Gauge	#69-20011	N/A	#69-20024	#69-20029	#69-20029	#69-20029
28	Hose Connection	#69-21004	#69-20177	#69-21005	#69-21007	#69-21007	#69-21007
29	Swivel Connection (50/Pkg)	#10-81050	N/A	#10-81050	#10-81050	#10-81050	#10-81050

M-2 SERIES PRE-SET PRESSURE REGULATORS
M2-320-P, M2-320-PH, M2-326-P, M2-326-PH, M2-346-PH, M2-540-P, M2-540-PH



COMMON PARTS

KEY NO.	DESCRIPTION	PART NUMBER
1.	ELBOW ADAPTER	#69-20214
2.	SPRING 12 REQ'D	#34-1038-1
3.	VALVE (2 REQ'D)	#34-1143
4.	BALL	#34-1102
5.	SEAT ASSEMBLY (2 REQ'D)	#34-11-T
6.	BUSHING	#34-1006
7.	BUSHING	#34-1006-2
8.	ANTI-VIBRATOR (2 REQ'D)	#34-1101
9.	PLUNGER	#34-1131
10.	PLUNGER	#34-1131-1
11.	DIAPHRAGM W. SAFETY	#34-SU-10
12.	PLUNGER DISC	#34-1013
13.	DIAPHRAGM	#34-1211
14.	BACK UP DISC	#34-1012
15.	SLIP RING (2 REQ'D)	#34-1033
16.	SPRING	#34-1038
17.	SPRING	#34-1238
18.	PIVOT (2 REQ'D)	#34-1027-1
19.	BONNET (2 REQ'D)	#34-1005-1
20.	SET SCREW (2 REQ'D)	#34-2135
21.	ACORN NUT (2 REQ'D)	#34-2124
22.	SCREEN (3 REQ'D)	#34-1134
23.	SCREEN	#34-1134-1
24.	1/4 NPT PLUG	#69-20651

M2-326-P		
25.	BOY	#34-1204
26.	NAMEPLATE	#34-1129-F
27.	H.P. GAUGE	#69-20004
28.	ADAPTER	#69-20231
29A.	NUT	#69-20469
30A.	NIPPLE	#69-20464

M2-326-PH		
25.	BODY	#34-1204
26.	NAMEPLATE	#34-1129-F
27.	H.P. GAUGE	#69-20004
28.	ADAPTER	#69-20231
29B.	H/T NUT	#34-M32-10P
30B.	NIPPLE	#34-M32-115

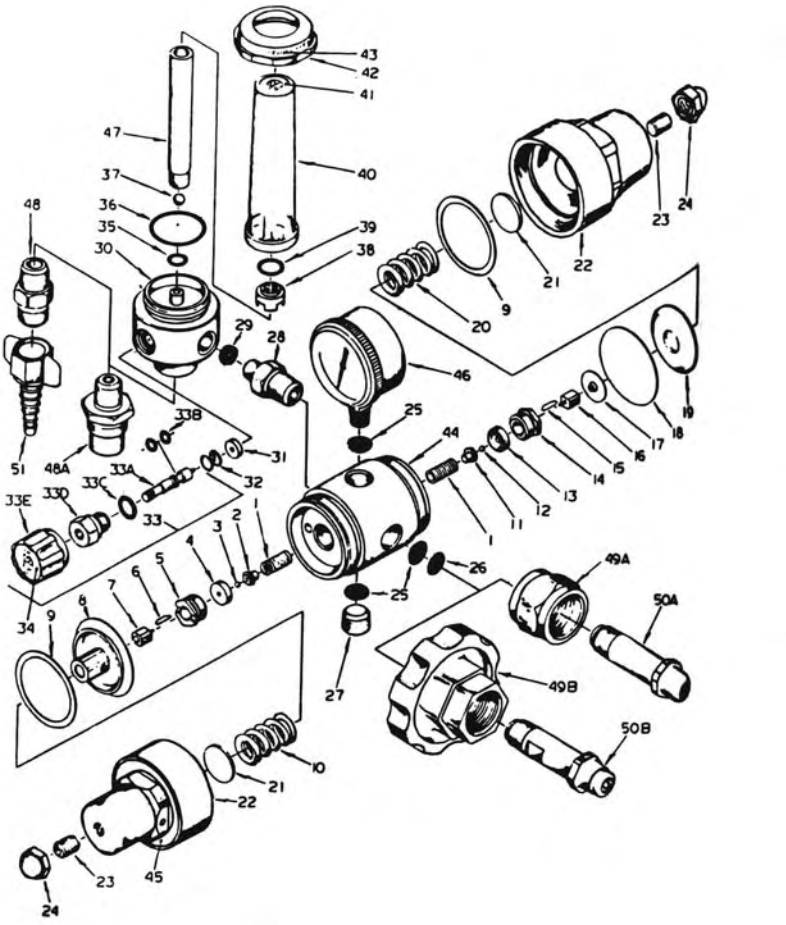
M2-346-P		
25.	BODY	#34-1204
26.	NAMEPLATE	#34-1129-D
27.	H.P. GAUGE	#69-20002
28.	ADAPTER	#69-20233
29A.	NUT	#69-20470
30A.	NIPPLE	#69-20465

M2-346-PH		
25.	BODY	#34-1204
26.	NAMEPLATE	#34-1129-D
27.	H.P. GAUGE	#69-20002
28.	ADAPTER	#69-20233
29B.	H/T NUT	#34-M34-10P
30B.	NIPPLE	#34-M34-115

M2-540-P		
25.	BODY	#34-1204
26.	NAMEPLATE	#34-1129-C
27.	H.P. GAUGE	#69-20001
28.	ADAPTER	#69-20177
29A.	NUT	#69-20468
30A.	NIPPLE	#69-20463

M2-540-PH		
25.	BODY	#34-1204
26.	NAMEPLATE	#34-1129-C
27.	H.P. GAUGE	#69-20001
28.	ADAPTER	#69-20177
29B.	H/T NUT	#69-21480
30B.	NIPPLE	#34-M54-11A

M-2 SERIES FLOWMETER REGULATORS
M2-540-FM, M2-540-FMH, M2-540-8FM, M2-540-8FMH, M2-346-FM, M2-346-FMH



M2-540-FMH

COMMON PARTS

Key #	Description	Part#
I.	SPRING (2)	#34-1038-1
2.	VALVE	#34-1043
3.	BALL	#34-1002
4.	SEAT ASSY	#34-10-T
5.	BUSHING	#34-1006-2
6.	ANTI-VIB	#34-1001
7.	PLUNGER ASSY	#34-10-PO1
8.	SAFETY VALVE	#34-SU-10
9.	SLIP RING (2)	#34-1033
10.	SPRING	#34-1038
11.	VALVE	#34-1143
12.	BALL	#34-1102
13.	SEAT ASSY	#34-11-T
14.	BUSHING	#34-1006
15.	ANTI VIB	#34-1101
16.	PLUNGER	#34-1131
17.	PLUNGER DISC	#34-1013
18.	DIAPHRAGM	#34-1211
19.	BACK-UP DISC	#34-1012
20.	SPRING	#34-1238
21.	PIVOT	#34-1027-1
22.	BONNET (2)	#34-1005-1
23.	SET SCREW (2)	#34-2135
24.	ACORN NUT (2)	#34-2124
25.	SCREEN (3)	#34-1134
26.	SCREEN	#34-1134-1
27.	1/4 NPT PLUG	#69-20651
28	ADAPTER	#69-20203
29.	SCREEN	#34-2034
30.	FLOWMETER BODY	#34-2004-3
31.	SEAT	#34-20-T1
32.	SPRING	#34-2038-1
33.	SAFETY ASSY	#34-20-WNV
33A.	STEM	#34-2039
33B.	O-RING (2)	#34-2033-1
33C.	O-RING	#34-2033-2
33D.	BUSHING	#34-2006-2
33E.	KNOB	#34-2021-1
34.	DECAL	#34-2030-2
35.	O-RING	#34-2033
36.	O-RING	#34-2033-3
37.	BALL	#34-2002
38.	BUMPER DISC	#34-2013
39.	O-RING	#34-2033-4
40.	TUBE COVER	#34-2010
41.	TUBE CVR DECAL	#34-2030-5
42.	NUT	#34-2024-3
43.	NUT DECAL	#34-2030

M2-540-FMH

44.	BODY	#34-1204
45.	NAMEPLATE	#34-1229-7A
46.	H.P. GAUGE	#69-200-01
47.	TUBE ASSY	#34-20-T15
48.	HOSE CONN	#69-20177
49B.	H/T NUT	#69-21480
50B.	NIPPLE	#34-M54-11
51.	SWIVEL (50 Pkg)	#10-81050

M2-540-FM

44.	BODY	#34-1204
45.	NAMEPLATE	#34-1229-6A
46.	H.P. GAUGE	#69-20001
47.	TUBE ASSY	#34-20-T15
48.	HOSE CONN	#69-20177
49A.	NUT	#69-20468
50A.	NIPPLE	#69-20463
51.	SWIVEL (50 Pkg)	#10-81050

M2-540-8FMH

44.	BODY	#34-1204
45.	NAMEPLATE	#34-1229-9A
46.	H.P GAUGE	#69-20001
47.	TUBE ASSY	#34-20-T07
48.	HOSE CONN	#69-21004
49B.	H/T NUT	#69-21480
50B.	NIPPLE	#34-M54-11
51.	SWIVEL (50/Pkg)	#10-81050

M2-346-FMH

44.	BODY	#34-1204-MA
45.	NAMEPLATE	#34-1229-19A
46.	H.P. GAUGE	#69-20002
47.	TUBE ASSY	#34-20-T15A
48B.	ADAPTER	#69-20233
49B.	H/T NUT	#34-M34-10P
50B.	NIPPLE	#34-M34-11

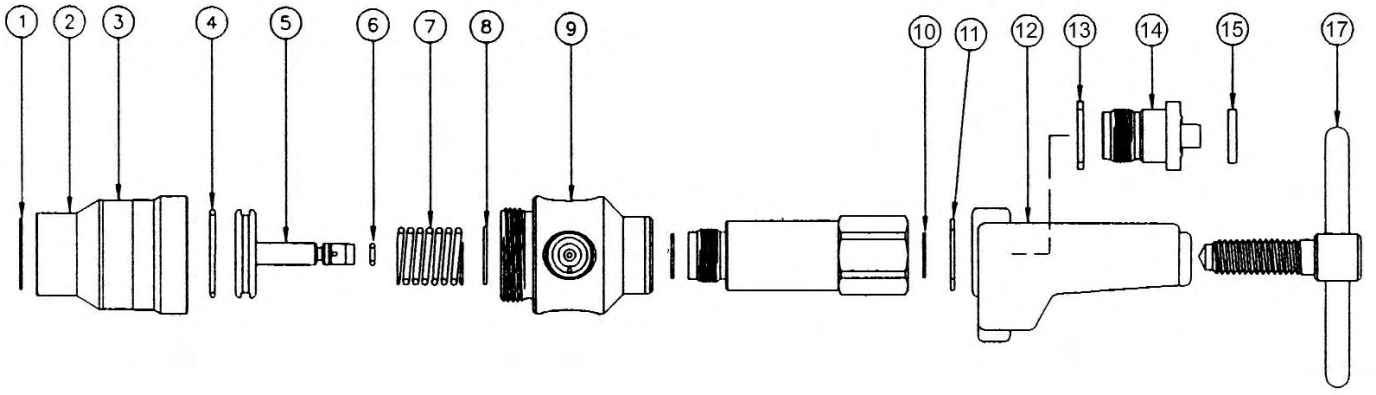
M2-540-8FM

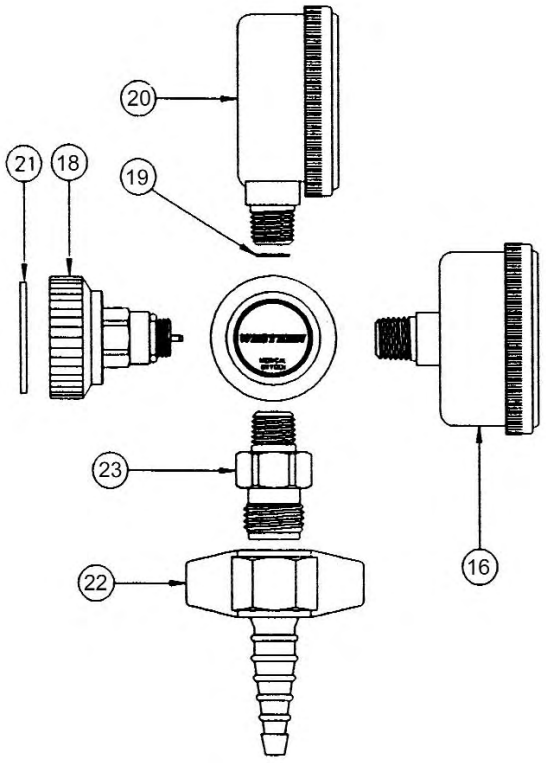
44.	BODY	#34-1204
45.	NAMEPLATE	#34-1229-8A
46.	H.P. GAUGE	#69-20001
47.	TUBE ASSY	#34-20-T07
48.	HOSE CONN	#69-21004
49A.	NUT	#69-20468
50A.	NIPPLE	#69-20463
51.	SWIVEL (50 Pkg)	#10-810-50

M2-346-FM

44.	BODY	#34-1204-MA
45.	NAMEPLATE	#34-1129-18A
46.	H.P GAUGE	#69-20002
47.	TUBE ASSY	#34-20-T15A
48A.	ADAPTER	#69-20233
49A.	NUT	#69-20470
50A.	NIPPLE	#69-20465

XL SERIES REGULATORS



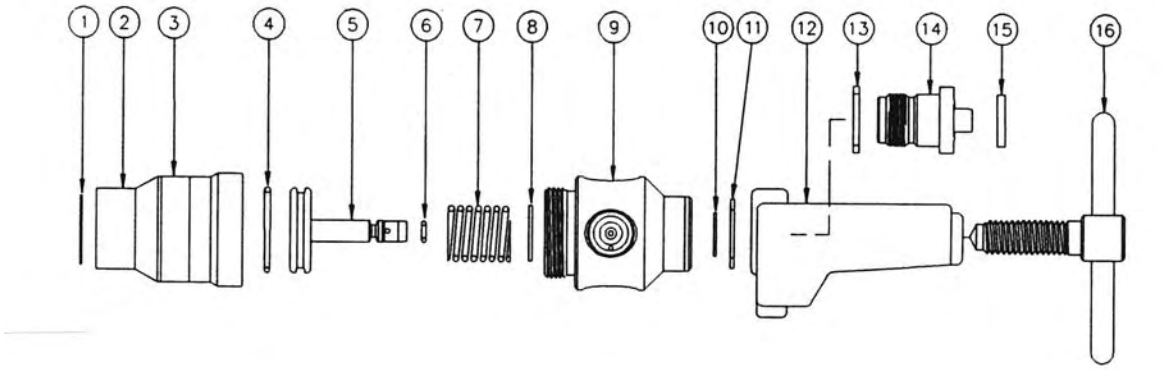


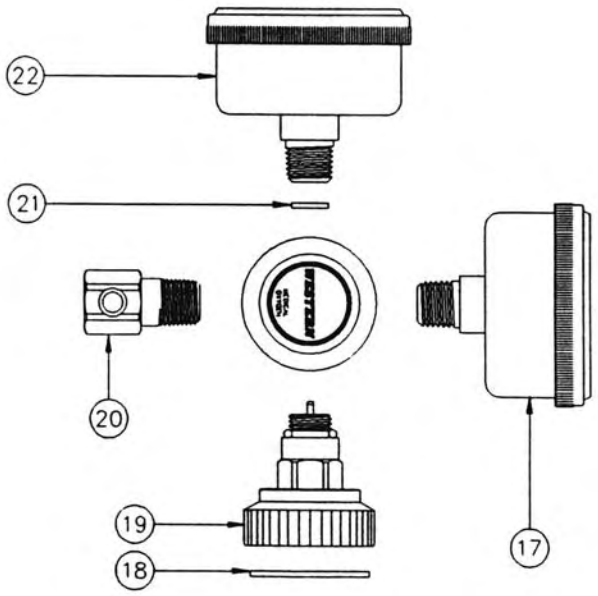
PARTS LIST

Key No.	Description	Part No.
1.	Bonnet Decal	#34-1430-2
2.	Bonnet/Relief Valve	#34-1405B
3.	Nameplate	
	XL-2001 (8 LPM)	#34-1429-8
	XL-2011 (5 LPM)	#34-1429-9
	XL-2021 (15 LPM)	#34-1429-12
4.	O-ring	#34-1433
5.	Piston Assembly	#34-1448R
6.	O-ring	#34-ST1008
7.	Spring	#34-1438-1
8.	Shim Washer	
	.005 Thick	#34-1444-2
	.010 Thick	#34-1444-3
9.	Body	#34-1404-15
10.	Gasket	#34-1016
11.	Washer	#34-1044
12.	Yoke Assembly	#34-10-YA
13.	Washer	#34-1414-1A
14.	Stem Assembly	#34-10D
15.	Yoke Washer	#69-20339 (25/Pk)
		-OR- #69-21493 (10/Pk)
16.	Flow Gauge	
	XL-2001 (8 LPM)	#69-200-21
	XL-2011 (5 LPM)	#69-200-29
	XL-2021 (15 LPM)	#69-200-11
17.	Tee Handle	#69-20338
18.	Needle Valve Ass'y	#34-1434
19.	Screen	#34-1134-4
20.	H.P. Gauge	#69-200-00
21.	Flow Label	#34-2030-20
22.	Barbed Nipple Adapter	#10-810-50 (50/Pk)
23.	Outlet w/Orifice	
	XL-2001 (8 LPM)	#69-210-02
	XL-2011 (5 LPM)	#69-210-17
	XL-2021 (15 LPM)	#69-210-01

XL SERIES REGULATORS

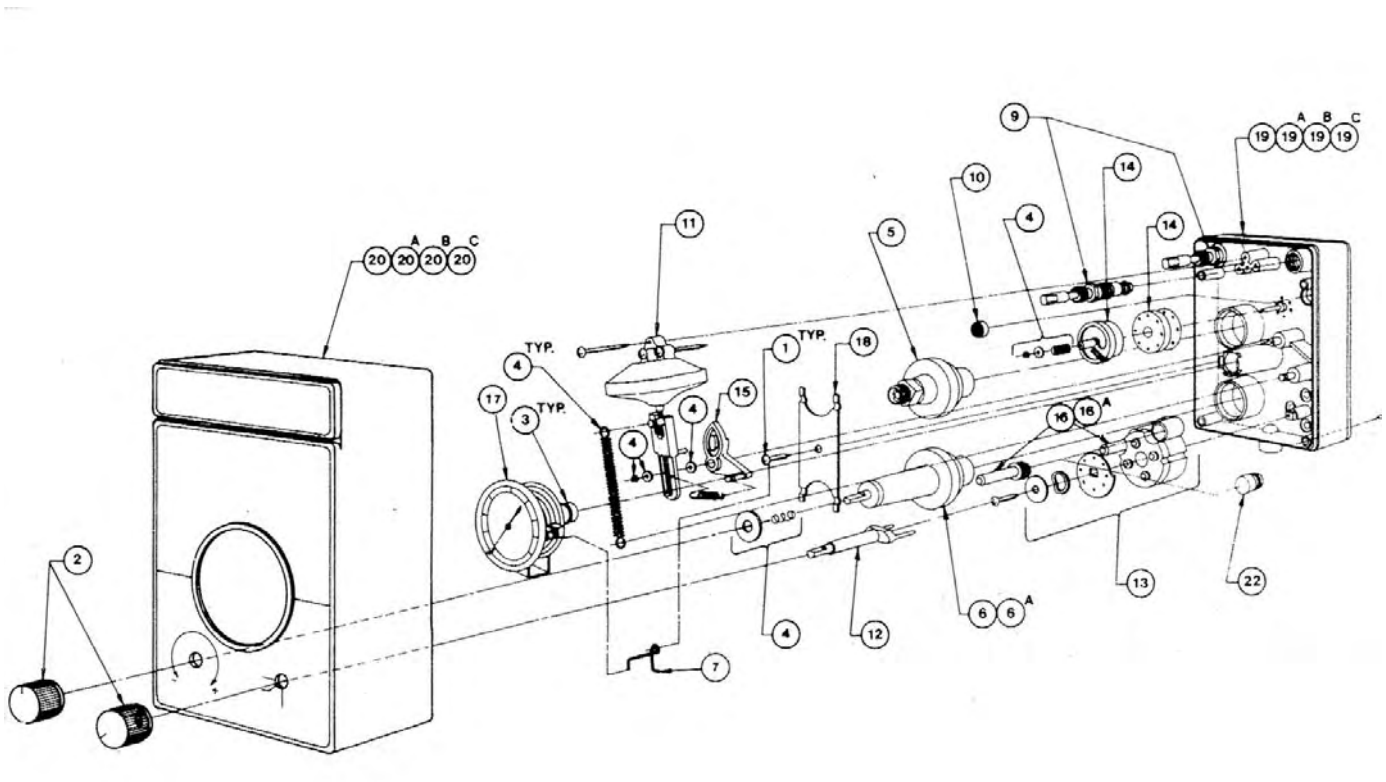
Parts List for: XL-2005 (8LPM), XL-2015 (5LPM), XL-2025 (15LPM) Adjustable Piston Regulator, CGA 870 Rear Inlet, Portable





PARTS LIST

Item No.	Description	Part Number
1.	Bonnet Decal	#34-1430-2
2.	Bonnet/Relief Valve Assembly	#34-1405B
3.	Nameplate	
	XL-2005 (8 lpm)	#34-1429-2
	XL-2015 (5 lpm)	#34-1429-11
	XL-2025 (15 lpm)	#34-1429-14
4.	O-Ring	#34-1433
5.	Piston Assembly	#34-1448-R
6.	O-Ring	#34-ST1008
7.	Spring	#34-1438-1
8.	Shim Washer	
	.005 Thick	#34-1444-2
	.010 Thick	#34-1444-3
9.	Body	#34-1404-3
10.	Gasket	#34-1016
11.	Washer	#34-1044
12.	Yoke Assy	#34-10-Y
13.	Washer	#34-1044-1
14.	Stem Assy	#34-10-D
15.	Sealing Washer, 25/pk	#69-20339
16.	Tee Handle	#69-20338
17.	Flow Gauge	
	XL-2005 (8 lpm)	#69-200-21
	XL-2015 (5 lpm)	#69-20029
	XL-2025 (15 lpm)	#69-200-11
18.	Knob Decal	#34-2030-20
19.	Needle Valve Assembly	#34-1434
20.	90o Outlet w orifice	
	XL-2005 (8 lpm)	#69-210-14
	XL-2015 (5 lpm)	#69-210-13
	XL-2025 (15 lpm)	#69-210-15
21.	Screen	#34-1134-4
22.	H.P. Gauge	#69-200-12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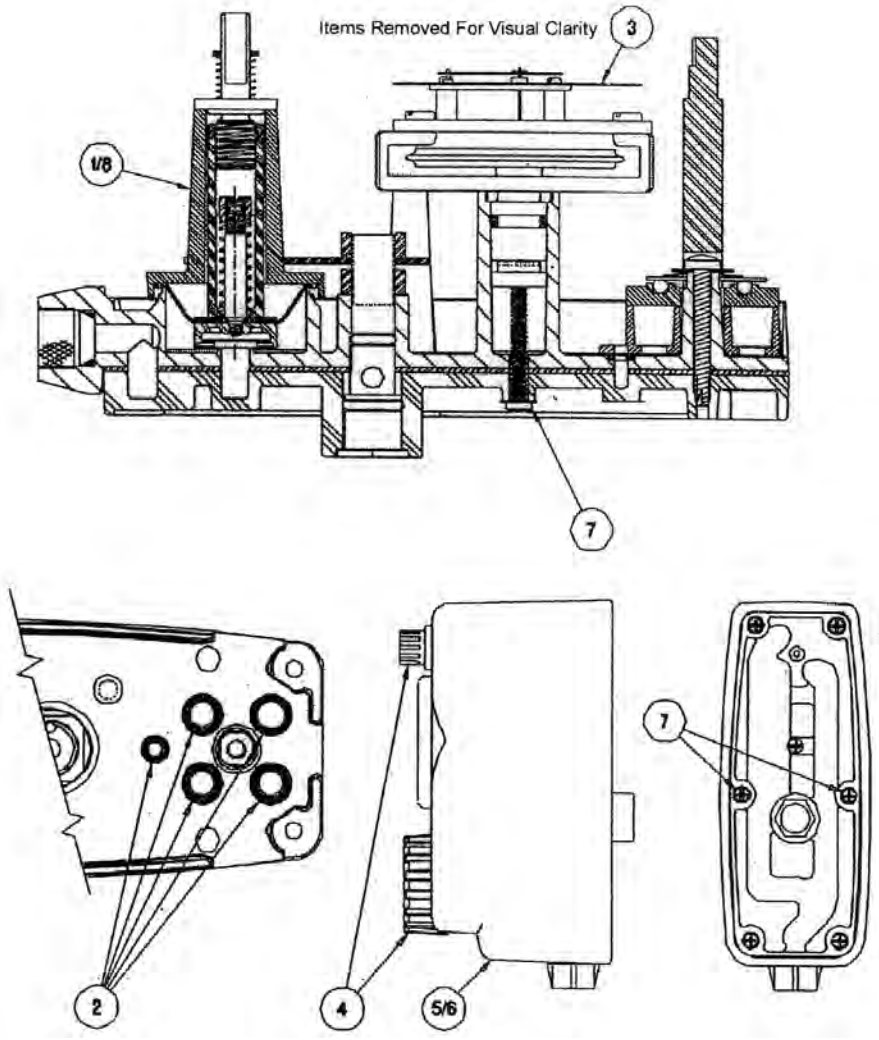
Item	Description	Catalog Number	Inter./ Constant	O.N.T.	Surgical	Inter.	Ped.	Kit Qty.
1.	Vacutron Screw Kit	#32-22-95-0001	x	x	x	x	x	9
2.	Vacutron Knob Kit	#32-22-95-0002	x	x	x	x	x	2
3.	Vacutron “O” Ring	#32-22-95-0003	x	x	x	x	x	24
4.	Vacutron Spring Kit	#32-22-95-0004	x			x	x	6
5.	Vacutron Fixed Reg Ass’y	#32-22-95-0005	x			x	x	6
6.	Vacutron Adjust. Reg. Ass’y	#32-22-95-0006	x	x		x		1
6A.	Vacutron Adjust. Reg. Ass’y	#32-22-95-0023			x			1
6B.	Vacutron Adjust. Reg. Ass’y	#32-22-95-0037					x	1
7.	Spring Clip Kit, Gauge Hold Down Wire	#32-22-95-0038					x	5
9.	Vacutron Timing Control	#32-22-95-0009	x			x	x	2
10.	Vacutron Filter Kit	#32-22-95-0010	x			x	x	6
11.	Vacutron Diaphragm Ass’y	#32-22-95-0011	x			x	x	1
12.	Vacutron Operating Stem Kit	#32-22-95-0012	x	x	x	x	x	3
13.	Vacutron Vacuum Switch	#32-22-95-0013	x	x	x	x	x	1
14.	Vacutron Six Port Switch	#32-22-95-0014	x			x	x	1
15.	Vacutron Lever Ass’y	#32-22-95-0015	x			x	x	1
16.	Vacutron Relief/Valve Reg.	#32-22-95-0016	x	x				1
16A.	Vacutron Relief/Valve Reg.	#32-22-95-0021	x			x		1
16B.	Relief Valve, Pediatric, Double Blue Band	#32-22-95-0039					x	1
16C.	Relief Valve, Pediatric, Single Blue Band	#32-22-95-0040					x	1
17.	Vacutron Gauge Ass’y	#32-22-95-0017	x	x	x	x		1
17A.	Vacutron Gauge, Pediatric	#32-22-95-0041					x	1
18.	Vacutron Reg. Hold Down	#32-22-95-0018	x	x	x	x	x	1
19.	Vacutron Base Ass’y	#32-22-95-1002	x					1
19A.	Vacutron Base Ass’y	#32-22-95-1005				x		1
19B.	Vacutron Base Ass’y	#32-22-95-1003			x			1
19C.	Vacutron Base Ass’y	#32-22-95-1004		x				1
19D.	Vacutron Base Ass’y, Pediatric	#32-22-95-0043					x	1
20.	Vacutron Cover Ass’y	#32-22-95-1009	x					1
20A.	Vacutron Cover Ass’y	#32-22-95-1008				x		1
20B.	Vacutron Cover Ass’y	#32-22-95-1011			x			1
20C.	Vacutron Cover Ass’y	#32-22-95-1010		x				1
20D.	Vacutron Cover Ass’y, Pediatric	#32-22-95-0042					x	1
21.	Vacutron Spacer	#32-22-95-0022			x			1
22.	Vacutron Plug	#32-22-95-0029			x			1
	Inlet Extension 1” 1/8 x 27 NPT M/F (not shown)	#32-22-95-0100						1

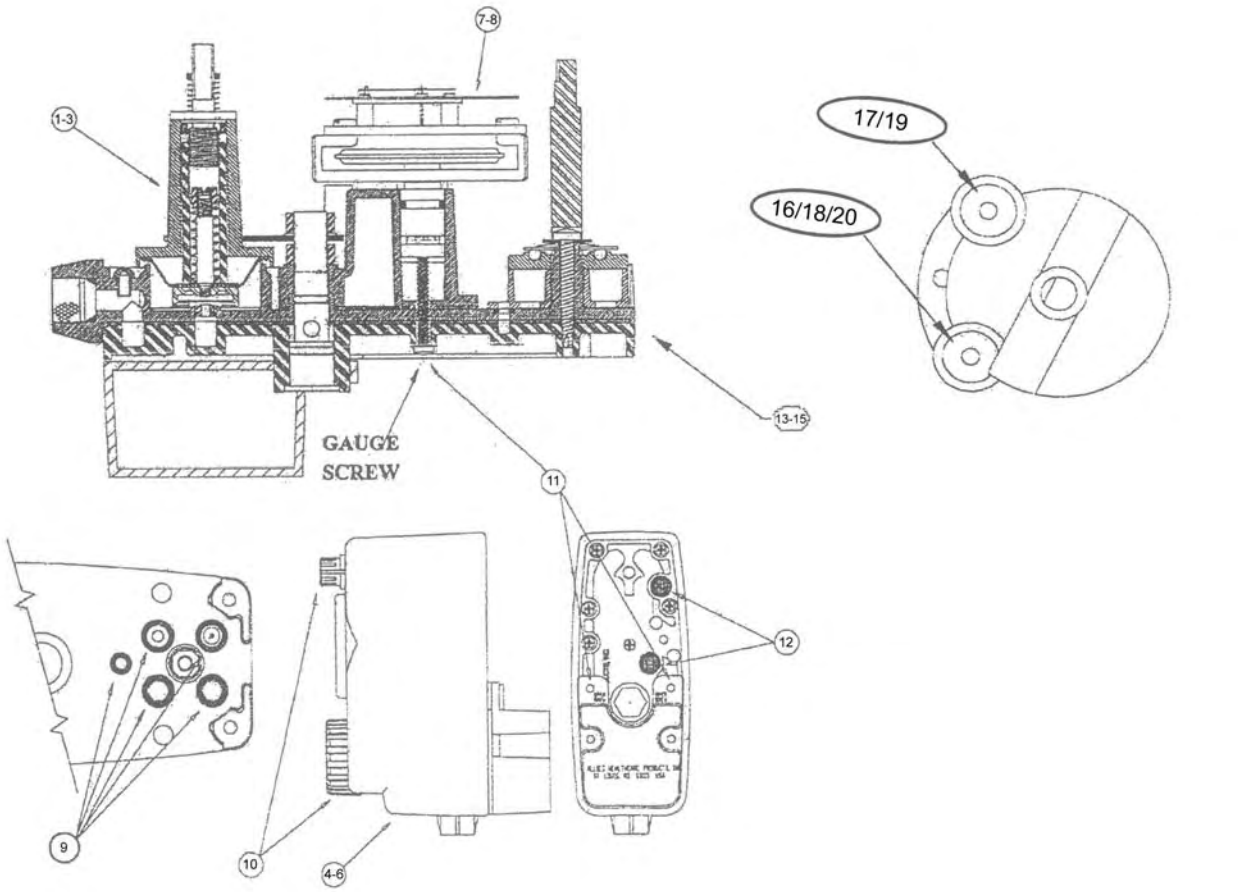
NOTE: Components referenced above are for the original version of the Vacutron and are not interchangeable with the new model (current style) known as the Slim Line or Mini-Vacutron.

Vacutron Suction Regulator Repair Parts:

DESCRIPTION	PART NUMBER
Pre-Tested Regulator Assy (1) - Surgical	#32-22-95-2001
Pre-Tested Regulator Assy (1) Continuous	#32-22-95-2008
Pre-Tested Regulator Assy (1) Continuous-Intermittent & Intermittent	#32-22-95-2015
Pre-Tested Regulator Assy (1) - Pediatric Continuous-Intermittent & Pediatric Continuous	#32-22-95-2022
Pre-Tested Regulator Assy (1) - Low Vacuum	#32-22-95-2029
Pre-Tested Regulator Assy (1) - High Vacuum	#32-22-95-2036
50 O-Rings for Mode Switch (for Ten units)	#32-22-95-2002
Gauge with O-Ring, 0 - 300 mmHg (1)	#32-22-95-2003
Gauge with O-Ring, 0 - 760 mmHg (1)	#32-22-95-2013
Gauge with O-Ring, 0 - 150 mmHg (1)	#32-22-95-2023
Gauge with O-Ring, 0 - 100 mmHg (1)	#32-22-95-2033

DESCRIPTION	PART NUMBER
Knob Kit (4 of each) Mode Switch Knob (1) & Regulator Knob (1)	#32-22-95-2004
Large Regulator Knob	#32-22-95-2009
Mode Switch Knob	#32-22-95-2010
Cover Assembly - Continuous (1)	#32-22-95-2005
Cover Assembly - Surgical (1)	#32-22-95-2006
Cover Assembly - Continuous-Intermittent	#32-22-95-2011
Cover Assembly - Intermittent	#32-22-95-2016
Cover Assembly - Low Vacuum	#32-22-95-2021
Cover Assembly - High Vacuum	#32-22-95-2027
Cover Assembly - Pediatric Continuous - Intermittent	#32-22-95-2032
Cover Assembly - Pediatric Continuous	#32-22-95-2037
Cover Screws (2) & Gauge Screw with Washer (1)	#32-22-95-2007
Back Base (Continuous, Pediatric Continuous, Low Vacuum Models	#32-22-95-2024
Back Base (Surgical, High Vacuum Models)	#32-22-95-2025
Back Base (Continuous-Intermittent, Pediatric Continuous-Intermittent, Intermittent Models	#32-22-95-2026





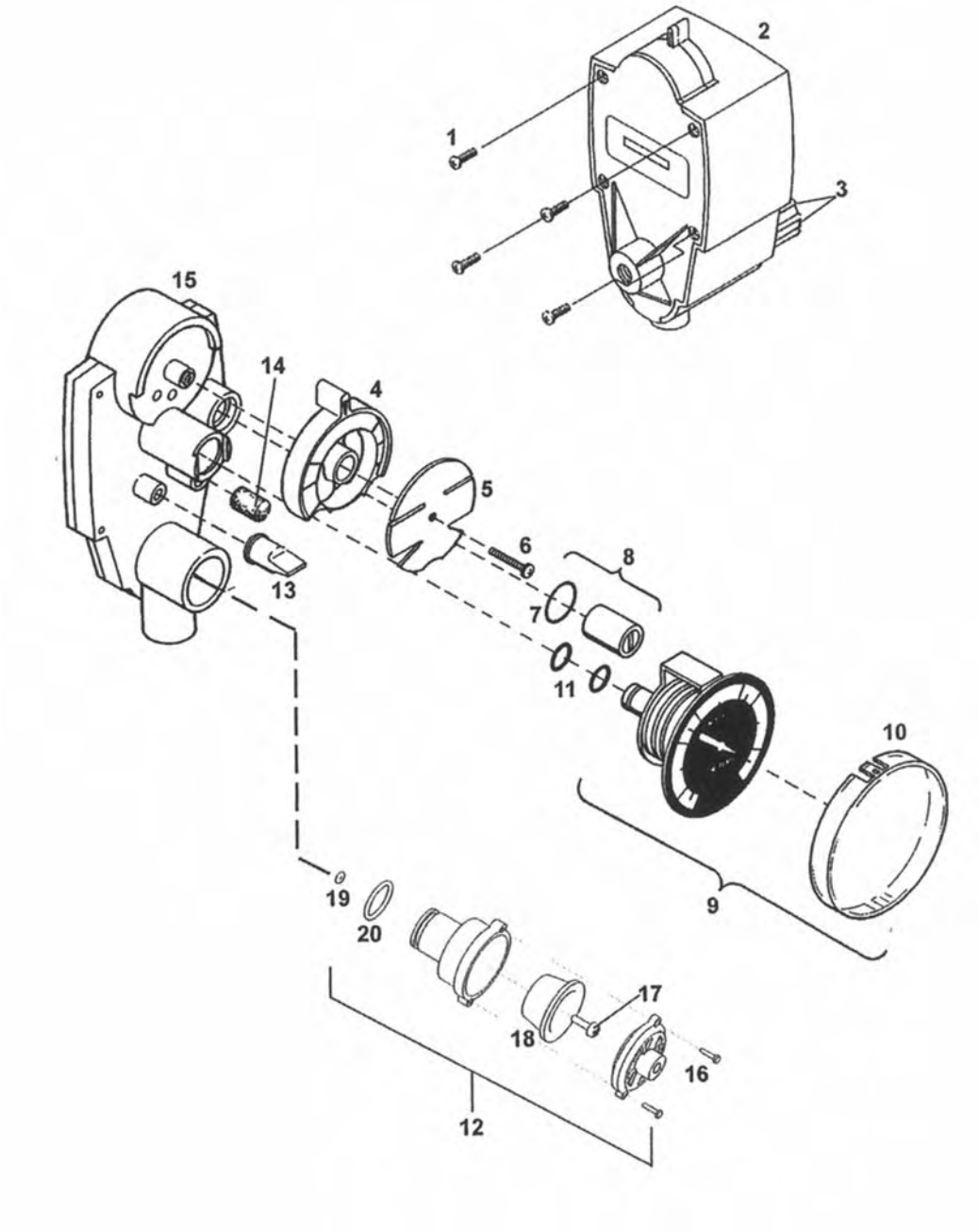
Item Number	Description	Qty. Per Order	Catalog Number
1	Red-Banded Pre-Tested Regulator Assembly, Cont./Intermittent, Cont. & Surgical	1	#32-22-95-2001
2	Blue-Banded Pre-Tested Regulator Assembly, Pediatric Cont./Intermittent	1	#32-22-95-2022
3	Cover Assembly, Cont./Intermittent	1	#32-22-95-2011
4	Cover Assembly, Intermittent	1	#32-22-95-2016
5	Cover Assembly, Pediatric	1	#32-22-95-2032
6	Gauge, USA, With O-Ring, 0 to 300 mm Hg	1	#32-22-95-2003
6	Gauge, ISO, With O-Ring, 0 to 300 mm Hg	1	#32-22-95-2403
7	Gauge, USA, With O-Ring, 0 to 150 mm Hg	1	#32-22-95-2023
7	Gauge, ISO, With O-Ring, 0 to 150 mm Hg	1	#32-22-95-2423
8	O-Rings for Mode Switch (For Ten Units)	50	#32-22-95-2002
9	Knob Kit, Mode Switch (4) and Regulator Knob (4)	4	#32-22-95-2004
10	Cover Screw (6) and Gauge Screw (3) for Three Units	6 & 3	#32-22-95-2017
11	Filter (6) for Three Units	6	#32-22-95-0010
12	Continuous-Intermittent Back/Base Assembly	1	#32-22-95-2026
13	Intermittent Back/Base Assembly	1	#32-22-95-2030
14	Pediatric Cont./Inter. Back/Base Assembly	1	#32-22-95-2028
15	Black-Banded Intermittent Relief Valve	1	#32-22-95-0016
16	Double Blue-Banded Pediatric Continuous Relief Valve	1	#32-22-95-0039
17	Single Blue-Banded Pediatric Intermittent Relief Valve	1	#32-22-95-0040
18	Red-Blue-Banded Continuous, Combo & Surgical	1	#32-22-95-0030

Continuous Vacuum Regulator (CVR) Service Parts and Kits

Parts		Multi-Paks		Kits*			
Description	Part Number	Part Number	Qty/Pak	0221-5871-870 Filter & O-ring Kit	6700-0043-200 Svc Kit/Std & High	6700-0044-200 Service Kit/Low	6700-0030-700 Diaphragm Rpl Kit
1. Cover Screw (4)	#02-6700-0152-400						
2. Cover Assy., Low**	#02-6700-0629-850						
Cover Assy., Std./High	#02-6700-0628-850						
3. Low Vacuum Limiting Screw (2) (Not Shown) (Low Models Only)	#02-6700-0058-400						
Increase Label (Not Shown)	#02-6700-0164-100						
4. Switch	#02-6700-0078-500						
5. Switch Plate, 3 Mode	#02-6700-0193-500						
Switch Plate, 2 Mode/Low	#02-6700-0194-500						
6. Screw	#02-6700-0152-400						
7. O-ring, Vacuum Relief Valve (Low Modes Only)	#02-6700-0135-500			1		1	
8. Vacuum Relief Valve & O-ring, (Low Modes Only)	#02-6700-0660-850						
9. Gauge Assy. (Includes Items 10 & 11)							
N. American Std., 0-200 mmHg	#02-6700-0050-200	#02-0205-8689-870	4				
N. American Low, 0-160 mmHg	#02-6700-0050-202	#02-6700-0098-200					
N. American High, 0-760 mmHg	#02-6700-0050-201	#02-6700-0097-200					
International Low, ccw	#02-6700-0050-205						
International High, ccw	#02-6700-0050-204						
10. Lens	#02-6700-0087-500						
11. O-ring (2), Buna-N	#02-6700-0130-500			2	2	2	
12. Regulator Module							
Std./High Models	#02-6700-1225-800	#02-6700-0026-700	6				
Low Models	#02-6700-0428-800	#02-6700-0190-700	6				
13. Positive Pressure Safety Relief Valve		#02-6700-0115-400			1	1	
14. Filter (Internal)	#02-0206-5159-300			2	1	1	
15. Base							
N. American Std. and High (2 & 3 Model)	#02-6700-0018-203	#02-6700-0194-700	4				
N. American Low	#02-6700-0029-203	#02-6700-0198-700	4				
International Low	#02-6700-0029-200	#02-6700-0195-700	4				
International High	#02-6700-0018-200	#02-6700-0191-700	4				
16. Screw, 4-20, Ph. Hd	#02-6700-0078-400				2	2	2
17. Screw, 4-40 x .38, Ph. Hd					1	1	1
18. Diaphragm					1	1	1
19. O-ring, Stem	#02-0210-0527-300			1	1	1	1
20. O-ring Module	#02-6700-0136-500			2	1	1	1
21. Service Manual	#02-6700-0201-700						

** Kits contain the noted quantities of items in the corresponding rows*

*** If current unit does not have limit screws inside the cover behind the control knob and the relay vent has 4 vent holes, the Std/High part can be purchased*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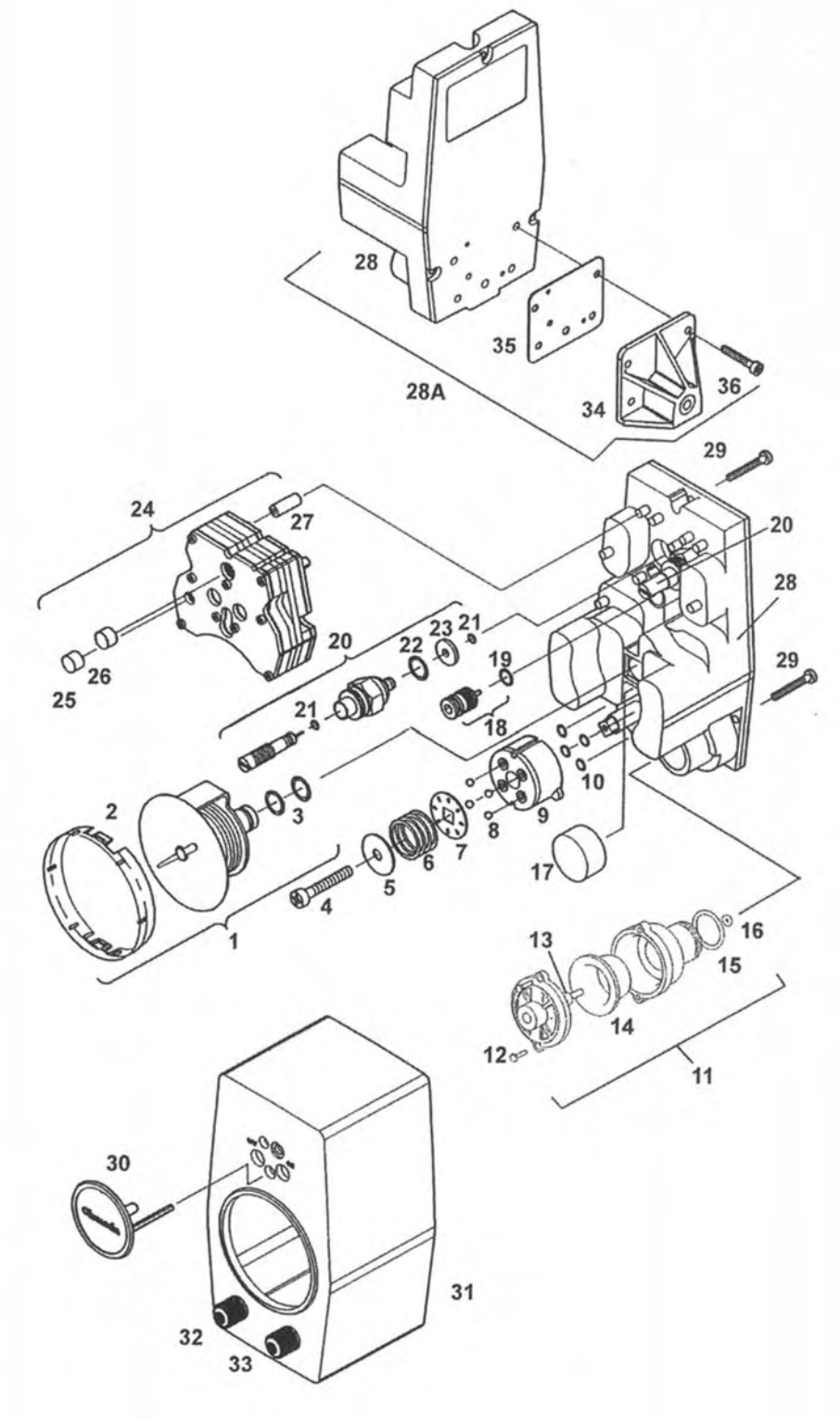
Intermittent Suction Unit (ISU) Service Parts and Kits

Parts		Multi-Paks		Kits*				
Description	Part Number	Part Number	Qty/Pak	0221-5887-300 Filter & O-ring Kit	0210-0474-870 O-ring Kit	0221-5884-870 Filter Kit	6700-0030-700 Diaphragm Rpl Kit	6700-0002-700 Backplate Kit
1. Gauge Assy. (Includes O-rings and Lens)								
International	#02-6700-0090-200	#02-0205-8689-870	4				1	
North American	#02-6700-0050-200							
2. Gauge Lens	#02-6700-0087-500							
3. O-ring, 2-012 Buna-N	#02-6700-0130-500			2	2			
4. Screw	#02-6700-0150-400							
5. Retaining Washer	#02-0402-0748-300							
6. Spiral Spring Washer	#02-6700-0168-400							
7. Detent Plate	#02-0214-3213-300							
8. Ball	#02-0409-1684-300							
9. Switch Main Valve Body	#02-0221-5891-300							
10. O-ring, 2-010 Buna-N	#02-6700-0131-500			4	4			
11. Regulator Module	#02-6700-1225-800	#02-6700-0026-700	6					
12. Screw, 4-20, Ph. Hd							2	
13. Screw, 4-40, Ph. Hd							1	
14. Diaphragm							1	
15. O-ring, 2-016 Buna-N	#02-6700-0136-500			2	2		1	
16. O-ring, 2-004 Buna-N	#02-0210-0527-300			1	1		1	
17. Gauge Filter	#02-0210-6540-300			2		1		
18. Flow Control Valve	#02-0207-0132-300							
19. O-ring, 2-011 Buna-N	#02-6700-0133-500			1	1			
20. Timing Valve	#02-0207-8295-300	#02-0207-8298-870	6					
21. O-ring, 2-006 Buna-N	#02-0210-0593-300			4	4			
22. O-ring, 2-014 Buna-N	#02-6700-0135-500			2	2			
23. Filter	#02-0221-5883-300			2		2		
24. Unilogic Module	#02-6700-0093-200	#02-6700-0024-700	4					
25. Filter, Green	#02-0221-5879-300			1		1		
26. Filter, Beige	#02-0221-5880-300			1		1		
27. Tube	#02-6700-0095-400							
28. Backplate Assy.								
North American	#02-6700-0426-850							
International	#02-6700-0427-850							
28∆ Backplate Assy. w/Mount Plate								
North American	#02-6700-0002-700	#02-6700-0090-700	4					1
International	#02-6700-0003-700							
29. Cover Screw	#02-6700-0152-400							
30. Ohmeda Nameplate Wrench	#02-6700-0043-400							
31. Cover & Knob Assy.	#02-6700-0009-700	#02-6700-0091-700	4					
32. Mode Selector Knob	#02-0221-5897-300	#02-0221-5852-870	6					
33. Suction Control Knob	#02-0221-5898-300	#02-0221-5853-870	6					
34. Mounting Plate, Std. ISU	#02-6700-0053-400							1
35. Gasket	#02-6700-0030-500							1
36. Screw	#02-6700-0151-400							4
37. Service Manual	#02-6700-0199-700							

** Kits contain the noted quantities of items in the corresponding rows*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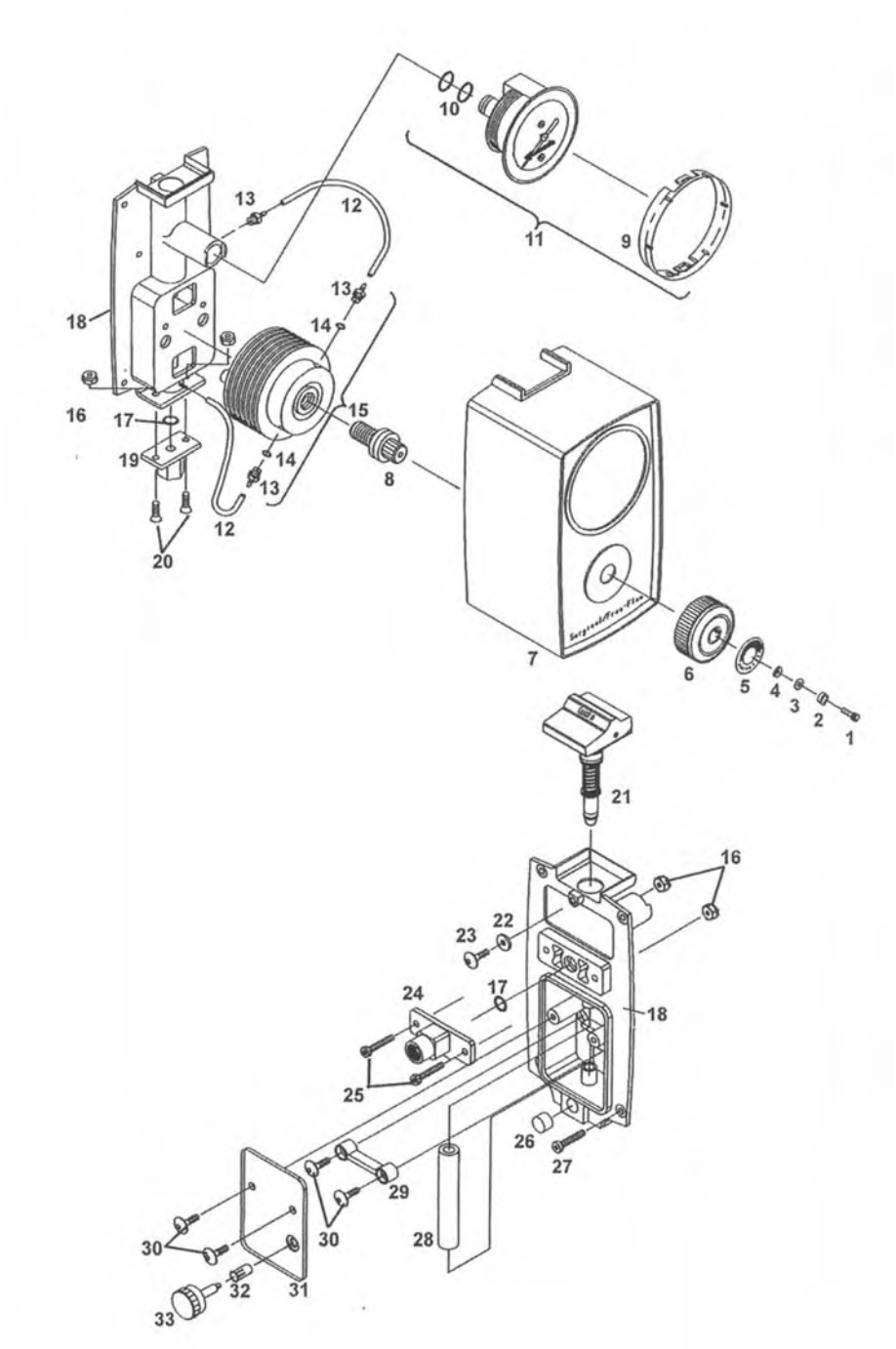
Surgical/Free-Flow (SFF) Service Parts and Kits

Parts		Multi-Paks		Kits*
Description	Part Number	Part Number	Qty/Pak	6700-0013-200 Switch Rpl Kit
1. Screw, Socket Head, 4-40 x 1/2	#02-6700-0182-400			
2. Locking Cam	#02-0212-1705-300			
3. Washer, Flat .28 OD, .125	#02-6700-0174-400			
4. Washer, Spring	#02-6700-0148-400			
5. Increase Label	#02-0206-5154-300			
6. Control Knob	#02-0206-5187-300			
7. Regulator Cover	#02-6700-0198-500			
8. Control Shaft	#02-0206-5188-300			
9. Snap Fit Lens	#02-6700-0087-500			
10. O-ring (2), Gauge	#02-6700-0130-500			
11. Gauge Assy. (Includes gauge, O-rings and Lens)				
North American Std.	#02-6700-0050-200	#02-0205-8689-870	4	
North American High	#02-6700-0050-201	#02-6700-0097-200	4	
International High	#02-6700-0050-204			
12. Tubing, .125 OD (2)	#02-0206-5186-300			
13. Adapter (3)	#02-6700-0173-400			
14. O-ring (3)	#02-0210-0593-300			
15. Bellows Assy.	#02-6700-0165-700			
16. Nut, Elastic Stop, 6-32 (4)	#02-6700-0175-400			
17. O-ring, 2-010, Neoprene	#02-6700-0131-500			
18. Surgical/Free-Flow Base (Includes base, adapter and serial # plate)				
North American	#02-6700-0161-700			
International	#02-6700-0162-700			
19. Bottom Connector	#02-0206-5195-300			
20. Screw, Flathead, 6-32 x 1/2 (2)	#02-6700-0171-400			
21. Valve Assy., SFF Universal	#02-6700-0067-700	#02-6700-0101-200	4	1
22. Washer, Flat	#02-6700-0164-400			1
23. Screw, Buttonhead, 8-32 x 5/16	#02-6700-0165-400			1
24. Inlet Connector, Universal	#02-0206-5149-300			
25. Screw, Roundhead, 6-32 x 7/8	#02-6700-0176-400			
26. Filter	#02-0206-5181-300			
27. Screw, No. 6 Panhead (4)	#02-6700-0152-400			
28. Valve Tube	#02-0206-5182-300			
29. Regulating Bar	#02-0206-5183-300			
30. Screw, Buttonhead, 8-32 x 3/8 (4)	#02-6700-0172-400			
31. Rear Window	#02-0206-5180-300			
32. Tubular Speed Clip	#02-0402-2018-300			
33. Locking Knob	#02-0212-1932-300			
34. Service Manual	#02-6700-0200-700			

** Kits contain the noted quantities of items in the corresponding rows*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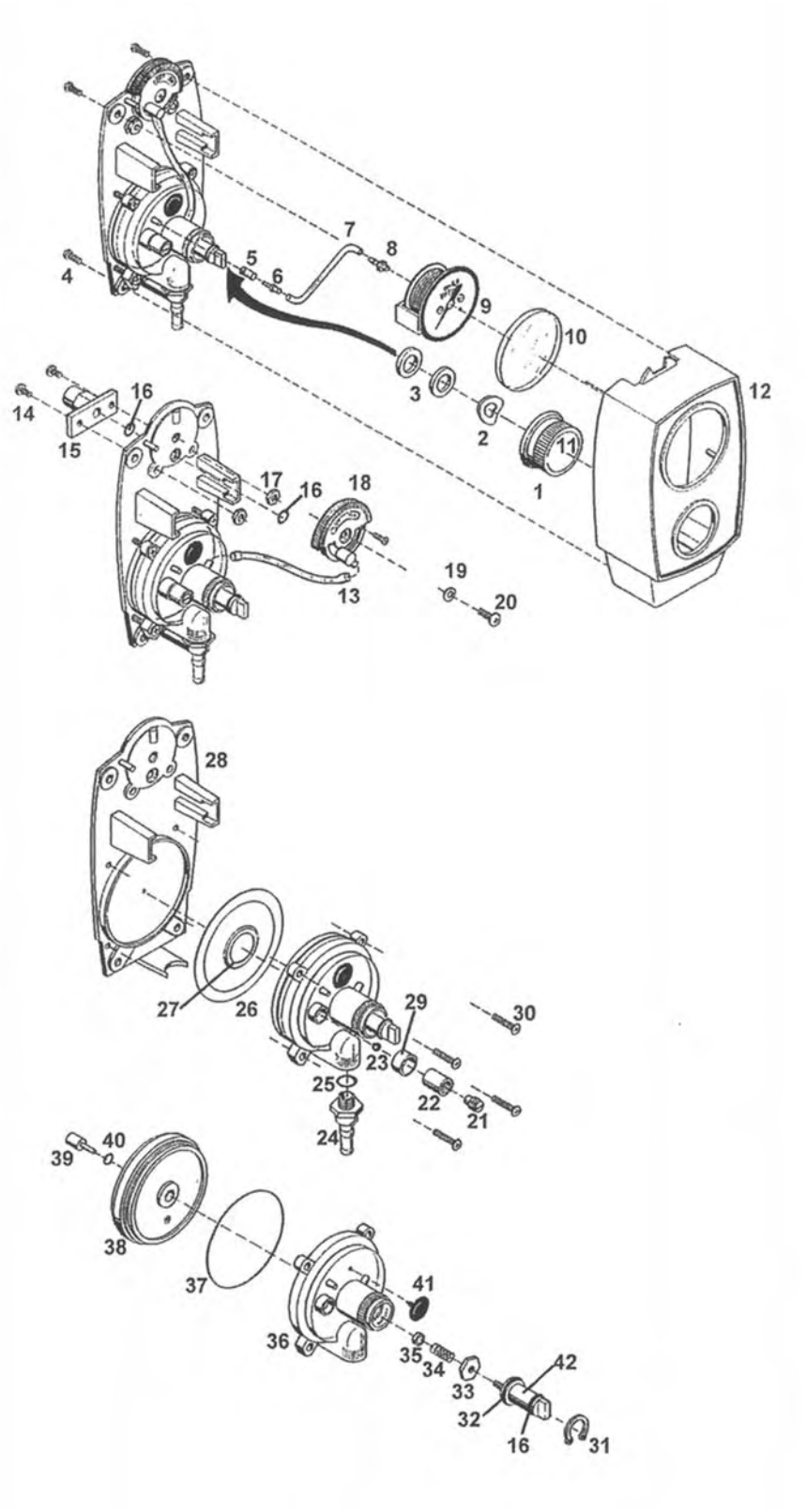
Thoracic Service Parts and Kits

Parts		Multi-Paks		Kits*				
Description	Part Number	Part Number	Qty/Pak	6700-0429-850 Tubes & Orifice	6700-0430-850 Gauge Kit (CW)	6700-0431-850 Gauge Kit (CCW)	6700-0432-850 Vacuum Relief Adj	6700-0673-850 Shaft, Nut & Knob
1. Control Knob	#02-0212-0806-100							
2. Bent Metal Washer	#02-0202-3042-300							
3. Plastic Spacer (2)	#02-0202-0063-300							
4. Cover Mounting Screw (4)	#02-0142-4113-108							
5. Restrictor Mounting Tube				1				
6. Restrictor Orifice				1				
7. Tube				1				
8. Barbed Fitting				1	1			
9. Vacuum Gauge					1	1		
10. Lens Cover	#02-6700-0087-500				1	1		
11. Label	#02-6700-0224-100							
12. Front Cover	#02-6700-0155-400							
13. Vacuum Tube	#02-0211-0072-300							
14. Probe/Adapter Mtg. Screw (2)	#02-0140-6624-108							
15. Probe/Adapter Connector	#02-0206-5149-300							
16. O-ring	#02-6700-0131-500							1
17. Nut (2)	#02-6700-0175-400							
18. On/Off Selector Switch	#02-6700-0092-700							
19. Spring Washer	#02-0202-3030-300							
20. Screw	#02-6700-0208-400							
21. Vacuum Relief Adj. Screw							1	
22. Vacuum Relief Body							1	
23. Ball	#02-0409-1686-300							
24. Patient Port Fitting	#02-0204-9046-535							
25. O-ring	#02-6700-0130-500							
26. Diaphragm	#02-0210-7300-100							
27. Disc	#02-0214-3212-300							
28. Backplate, N. American**	#02-6700-0632-850							
29. Rubber Sleeve	#02-0211-0719-500							
30. Screw (4)	#02-0140-6124-112							
31. Snap Ring	#02-0203-5213-300							
32. O-ring	#02-6700-0132-500							1
33. Brass Nut								1
34. Spring	#02-0203-3054-300							
35. Spring Button	#02-0212-0800-100							
36. Spring Case Cover	#02-0221-6365-300							
37. O-ring	#02-6700-0100-400							
38. Baffle Guide Plate	#02-0212-0804-100							
39. Piston	#02-6700-0099-400							
40. O-ring	#02-0210-0527-300							
41. Flapper Valve	#02-0211-1451-100							
42. Control Shaft								1
43. Service Manual	#02-6700-0011-000							

** Kits contain the noted quantities of items in the corresponding rows*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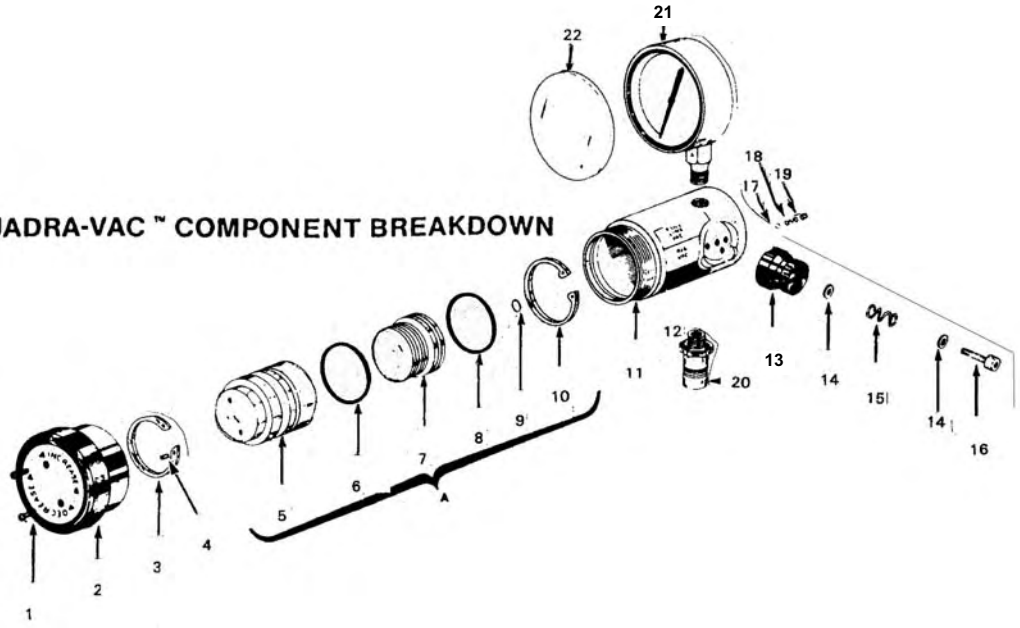
OXEQUIP

QUADRA-VAC ™ COMPONENT BREAKDOWN



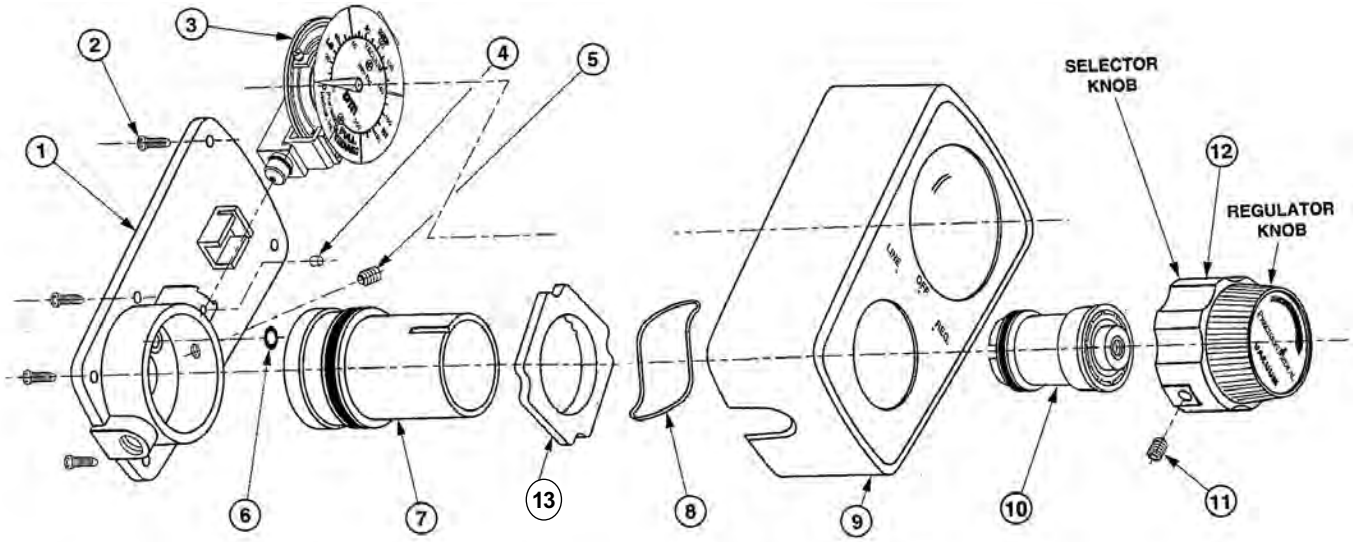
Item No.	Catalog No.	Description
1	21-197-47	Adjusting Knob Screws
2		Adjusting Knob
	21-197-V	Surgical
	21-197-W	Standard
	21-197-X	Pediatric
3	21-197-YRPL	Retaining Ring
4	21-197-66	Set Screw (Standard and Pediatric models only)
A*	21-197-YRPL	Bellows and Housing Assembly (includes items 5-10)
5	21-197-31	Bellows Housing
6	21-197-40	Housing "O" Ring
7	21-197-S	Bellows
8	21-197-41	Bellows "O" Ring
9	21-473-16	Valve Stem "O" Ring
10	21-197-44	Retaining Ring
11	21-197-30	Regulator Body
12		Select-A-Mode Label
	21-197-52	Surgical Model (with full line)
	21-197-57	Standard and Pediatric Models
13		Select-A-Mode Control Knob
	21-197-Q	Surgical Model (with full line)
	21-197-P	Standard and Pediatric Models
14	21-197-51	Washer, Mylar
15	21-197-50	Spring
16	21-197-43	Cap Screw
17	21-197-64	Ball Plunger (Surgical Model Only)
18	21-197-62	Plunger Spring (Surgical Model Only)
19	21-197-63	Set Screw (Surgical Model Only)
20	69-20234	Vacuum DISS Bushing
21		Vacuum Gauge
	21-598-D	Surgical Model
	21-598-B	Standard and Pediatric Models
	21-598-3	Gauge Lens

**** Components should not be autoclaved**
* Bellows are always sold with housing for proper operation of Regulator.

Continuous Models, PM 3000 & PM 3100

Item	Description	Model PM3000 Item Number	Model PM3100 Item Number
1.	Housing Assembly	#EC-1561	#EC-1561
2.	#6 Self Tap Screw	#EC-1398	#EC-1398
3.	Gauge Assembly	#EC-1562	#EC-1562
4.	Filter	#EC-1396	#EC-1396
5.*	Detent Screw	#EC-1397	#EC-1397
6.	O-Ring (009)	#EC-1016	#EC-1016
7.	Selector Assembly	#EC-1563	#EC-1564
8.	Wave Spring Washer	#EC-1614	#EC-1614
9.	Case Assembly	#EC-1565	#EC-1566
10.	Regulator Module Assembly	#EC-1567	#EC-1567
11.	Set-Screw	#EC-1391	#EC-1391
12.	Control Knob Assembly	#EC-1568	#EC-1568
13.*	Index Ring	#EC-502685	#EC-502685

*Note: Index Ring (Item #13) is used only on late model units when detent screw (Item #15) is not used.



Repair Kits

#EC-RK6000
Repair Kit for PM3000 Includes:

2 Each, Gauge Assy	#EC-1562
1 Each, Selector Assy	#EC-1563
2 Each, O-Ring; Adj. Stem	#EC-1314
2 Each, O-Ring; Gauge	#EC-1147
6 Each, Filter	#EC-1396
1 Each, Set Screw	#EC-1391
6 Each, Screw	#EC-1398
2 Each, O-Ring; Casing	#EC-1016
2 Each, O-Ring; Regulator	#EC-1385
2 Each, O-Ring; Selector	#EC-1386
2 Each, Wave Spring	#EC-1614
1 Each, Index Ring	#EC-502685
2 Each, Regulator Module	#EC-1567
1 Each, Vacuum Grease	#EC-1775

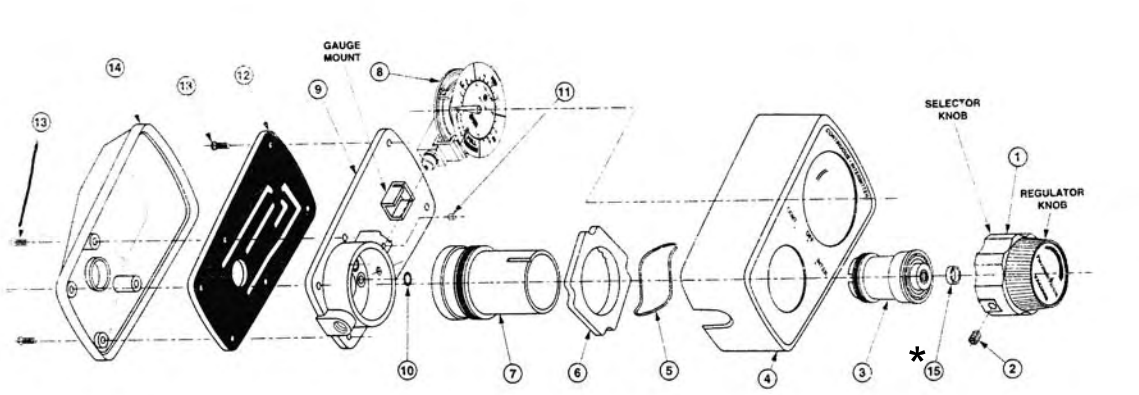
#EC-RK6100
Repair Kit for PM3100 Includes:

2 Each, Gauge Assy	#EC-1562
1 Each, Selector Assy	#EC-1564
2 Each, O-Ring; Adj. Stem	#EC-1314
2 Each, O-Ring; Gauge	#EC-1147
6 Each, Filter	#EC-1396
1 Each, Set Screw	#EC-1391
6 Each, Screw	#EC-1398
2 Each, O-Ring; Casing	#EC-1016
2 Each, O-Ring; Regulator	#EC-1385
2 Each, O-Ring; Selector	#EC-1386
2 Each, Wave Spring	#EC-1614
1 Each, Index Ring	#EC-502685
2 Each, Regulator Module	#EC-1567
1 Each, Vacuum Grease	#EC-1775

Continuous/Intermittent Models

ITEM	DESCRIPTION	Model PM3300	Model PM3400
1.	Control Knob Assembly	#EC-502100	#EC-502100
2.	Set-screw	#EC-1391	#EC-1391
3.	Regulator Module Assembly	#EC-1567	#EC-1567
4.	Case Assembly	#EC-1827	#EC-1827
5.	Wave Spring Washer	#EC-1614	#EC-1614
6.	Selector Ring	#EC-502685	#EC-502685
7.	Selector Assembly	#EC-1805	#EC-1805
8.	Gauge Assembly	#EC-1562	#EC-502269
9.	Housing Assembly	#EC-502485	#EC-502485
10.	O-Ring (009) (3 Required)	#EC-502231	#EC-502231
11.	Filter	#EC-1396	#EC-1396
12.	Timing Module	#EC-502103	#EC-502268
13.	#6 Self Tap Screw (6 Required)	#EC-1815	#EC-1815
14.	Back Case	#EC-1831	#EC-1831
15.*	Vacuum Restrictor Ring	-N/A-	#EC-502271

*Pediatric Unit Only



*Pediatric Unit Only

Repair Kits:

#EC-RK6300
Repair Kit for PM3300 Includes:

2 Each, Gauge Assy	#EC-1562
1 Each, Selector Assy	#EC-1805
2 Each, O-Ring; Adj. Stem	#EC-1314
2 Each, O-Ring; Gauge	#EC-1147
6 Each, Filter	#EC-1396
1 Each, Set Screw	#EC-1391
6 Each, Screw	#EC-1815
3 Each, O-Ring; Casing	#EC-502231
2 Each, O-Ring; Regulator	#EC-1385
2 Each, O-Ring; Selector	#EC-1386
2 Each, Wave Spring	#EC-1614
1 Each, Index Ring	#EC-502685
2 Each, Regulator Module	#EC-1567
1 Each, Vacuum Grease	#EC-1775

#EC-RK6400
Repair Kit for PM3400 includes:

2 Each,	Gauge Assy	#EC-502269
1 Each,	Selector Assy	#EC-1805
2 Each,	O-Ring; Adj. Stem	#EC-1314
2 Each,	O-Ring; Gauge	#EC-1147
6 Each,	Filter	#EC-1396
1 Each,	Set Screw	#EC-1391
6 Each,	Screw	#EC-1815
3 Each,	O-Ring; Casing	#EC-502231
2 Each,	O-Ring; Regulator	#EC-1385
2 Each,	O-Ring; Selector	#EC-1386
2 Each,	Wave Spring	#EC-1614
1 Each,	Index Ring	#EC-502685
2 Each,	Regulator Module	#EC-1567
1 Each,	Vacuum Grease	#EC-1775

The Gauge-Savers were designed to help eliminate unnecessary repairs due to the abuse regulators are subject to.

These 1/4" shock absorbing rubber protectors can be put on in a few seconds and DO NOT have to be removed from the regulator during cylinder changes.

Protectors are designed to fit most regulators, including:

HUDSON	WESTERN MEDICA
VICTOR	MADA
VERIFLO	TIMETER
CHEMETRON	PRECISION MEDICAL
PURITAN-BENNETT	CONCOA *& MORE*

Prevent this!

IMPORTANT FACT

Regulator Protectors are solely designed to minimize damage to a regulator if dropped or knocked over.

Sudden jarring or heavy impacts may cause a regulator to lose calibration or cause internal damage.

1/4" shock absorbing rubber

BJ-2901 Gauge Saver

Fits 11/2" BACK port gauges with twist-on lens.

BJ-2911 Gauge Saver

Fits 11/2" BACK port gauges with snap-on lens.

BJ-2904 Gauge Saver

Fits 11/2" BOTTOM port gauges with twist-on lens.

BJ-2914 Gauge Saver

Fits 11/2" BOTTOM port gauges with snap-on lens.

BJ-2909 Gauge Saver

Fits all 2" BOTTOM port gauges.

BJ-2902 Gauge Saver

Fits both 2" side by side gauges

BJ-2903 Gauge Saver

Fits both 1 1/2" side by side gauges with twist on lens

BJ-2903-W Gauge Saver

Fits both 1 1/2" side by side gauges with snap on lens

BJ-2905 Knob Protector

Fits 1 3/4" control knobs.

Western Enterprise
Veriflo Hudson
"newer" 2600
Series and more

BJ-2915 Knob Protector

Fits 2" control knobs.

Victor "newer"
VMG Series
Chemetron
precision
medical and more.

May be attached to <u>any</u> single-handled "D" or "E" type cart with a handle diameter of 3/4" or 1" in seconds.

The lightweight all steel gauge guards are designed to prevent the regulator/gauge from directly striking other objects. Simply connect the guard to any 3/4" or 1" tubular handle. Available in painted or chrome-plated finish.

#66-611GC-34
Green Gauge Guard for 3/4" tube handle

#66-611GC-1
Green Gauge Guard for 1" tube handle

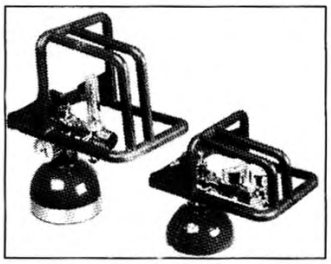
#66-6C11GC-34
Chrome Gauge Guard for 3/4" tube handle

#66-6C11GC-1
Chrome Gauge Guard for 1" tube handle

ERIE OFFERS A BETTER, MORE ECONOMICAL WAY TO PROTECT REGULATORS

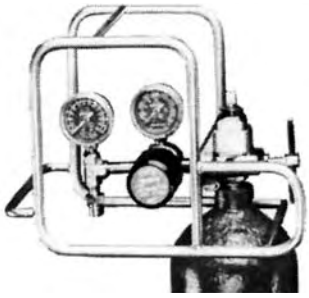
Combining the toughness of nylon with the strength and rigidity of fiberglass, ERIE'S new Gauge Guard protects delicate regulators from damage due to bumping, dropping and jarring that comes with routine use. Durable as steel, this new nylon unit flexes under pressure and reduces possible fracture of cylinder valve post. Installation is simple on most currently available regulators.

- Prevents damage and costly repairs to gauges and flowmeters.
- Attaches easily to virtually any regulator.
- Attractive green finish is easily kept clean.
- Compatible with both 1-1/2" and 2" gauge type & flowmeter regulators.



#IC-407375
Guard for regulator with 1-1/2" Gauge

#IC-407376
Guard for regulator with 2" Gauge

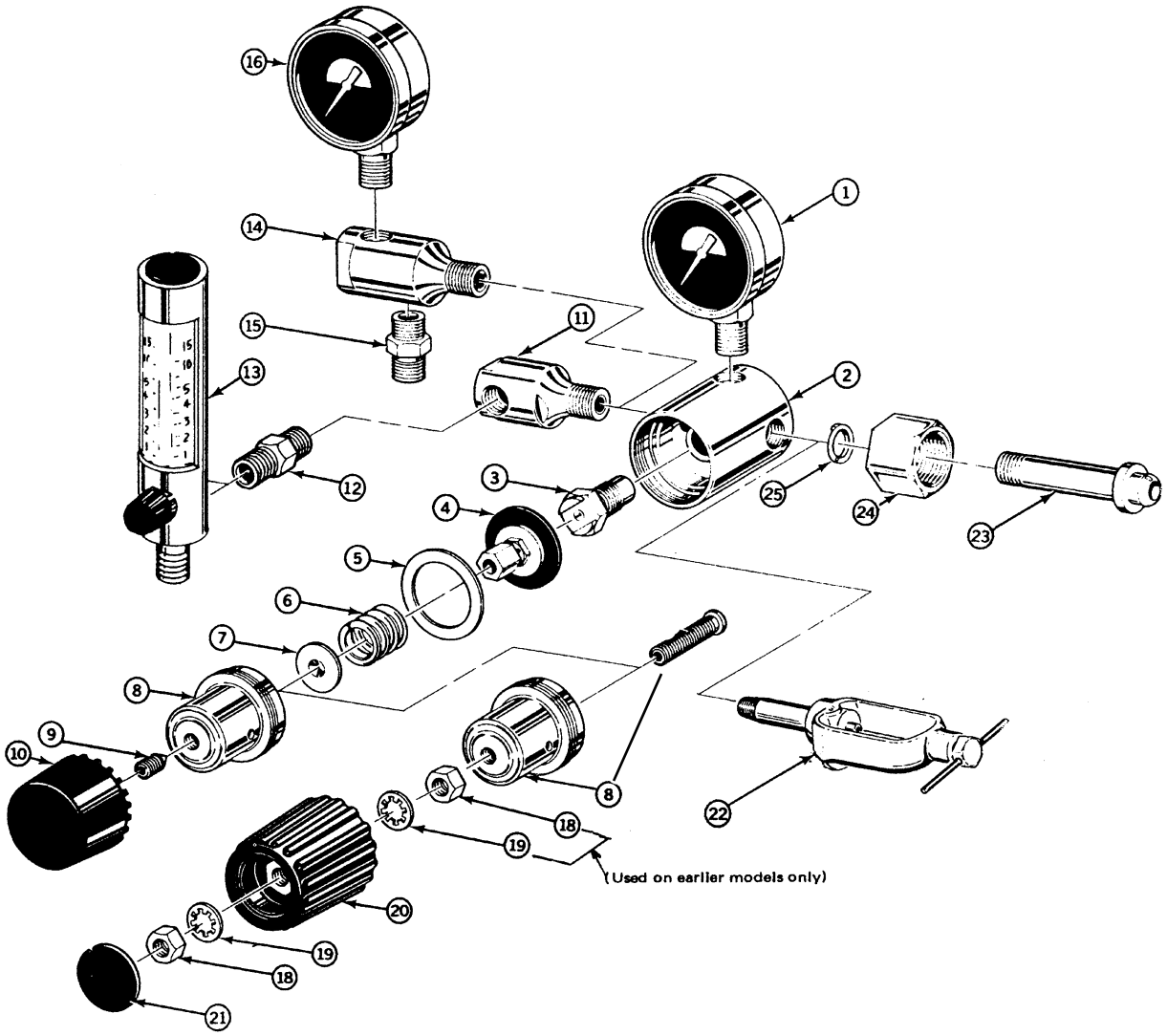


#AW-G901
Regard™ 1 Regulator Guard

At Timeter, we make the Regard 1 strong. For the construction of the Regard 1, we chose a heavy duty solid steel wire that is strong enough to protect the regulator by absorbing most of the shock.

The Regard 1 not only works well but looks good too. For enhanced appearance and protection from rust and corrosion, the Regard 1 is chrome-plated.

One of the best features about the Regard 1 is that it requires no tools for attaching it to the unit.



ITEM	PART NO.	DESCRIPTION
1	130085	CYLINDER CONTENTS GAUGE
2	525144	REGULATOR BODY
3	231490	SEAT/NOZZLE ASSEMBLY
4	231493	DIAPHRAGM/RELIEF VALVE ASSEMBLY
5	613534	DIAPHRAGM WASHER
8	290439	REGULATOR BONNET AND STEM ASSEMBLY
10	616160	BONNET COVER
12	69-20176	ADAPTER
13		FLOWMETER (SERIES "C")
	N/A	0-15 LPM (OXYGEN)
	N/A	0-15 LPM (MEDICAL AIR)
	N/A	0-8 LPM MAX (OXYGEN)

ADJUSTABLE REGULATOR

15	69-21004	CALIBRATED ORIFICE
16		OUTLET GAUGE
	130090	0-8 LPM (OXYGEN)
	130083	0-15 LPM (OXYGEN)
	130087	0-15 LPM (MEDICAL AIR)
	130084	0-100 PSI (OXYGEN)
	130088	0-100 PSI (MEDICAL AIR)
19	832350	LOCKING WASHER

ITEM	PART NO.	DESCRIPTION
21	616162	COVER

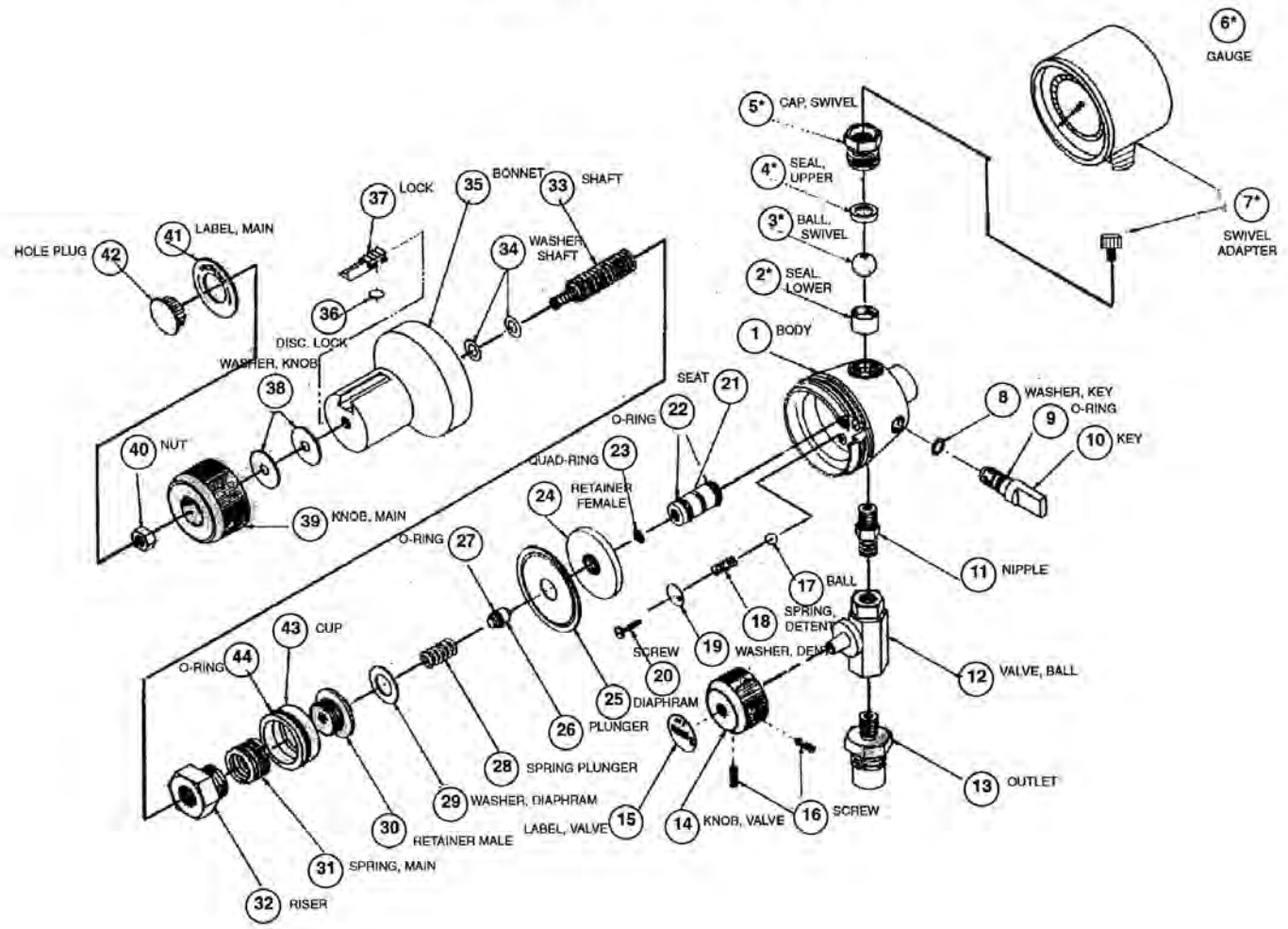
CYLINDER CONTENTS

22		SMALL CYLINDER YOKE ASSEMBLY (INCLUDES ITEMS 23 & 24)
	134081	(OXYGEN)
	134082	(MEDICAL AIR)
23		LARGE CYLINDER CONNECTION
	69-20463	(OXYGEN)
	69-20465	(MEDICAL AIR)
24	69-20468	CYLINDER CONNECTION, NUT (OXYGEN
25	365006	NUT STOP

All Part Numbers prefixed by #06- except #69 numbers.
NOTE: This model regulator is a discontinued model.

VR 1000

TIMETER PARTS SCHEMATIC



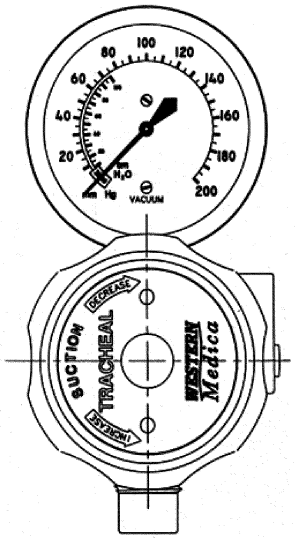
ITEM	QUAN.	PART NO.	DESCRIPTION*
1	1	AW-635308	BODY
* 2	1	AW-635306	SEAL, LOWER
* 3	1	AW-623309	BALL, SWIVEL
* 4	1	AW-635307	SEAL, UPPER
* 5	1	AW-605307	CAP, SWIVEL
* 6	1	AW-915407	GAUGE
* 7	1	AW-811006	SWIVEL ADAPTER
8	1	AW-725606	WASHER, KEY
9	1	AW-921002	O-RING
10	1	AW-T12086	KEY
11	1	69-202-02	NIPPLE, HEX, 1/8"
12	1	AW-974407	VALVE, BALL, 1/8" NPT FEMALE
13	1	69-202-34	OUTLET, VACUUM, DISS, MALE
14	1	AW-605306	KNOB, VALVE
15	1	AW-606330	LABEL, VALVE
16	2	AW-742104	SCREW, SET, CUP 8-32 X 3/8" SS
17	1	AW-623310	BALL
18	1	AW-611321	SPRING
19	1	AW-725605	WASHER
20	1	AW-742103	SCREW, PAN, SLOT, MECH.
21	1	AW-635309	SEAT

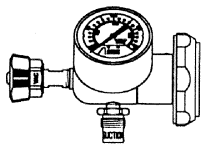
ITEM	QUAN.	PART NO.	DESCRIPTION
22	2	AW-921008	O-RING
23	1	AW-921012	QUAD RING
24	1	AW-660303	RETAINER, FEMALE
25	1	AW-635305	DIAPHRAGM
26	1	AW-815104	PLUNGER
27	1	AW-921007	O-RING
28	1	AW-611322	SPRING, PLUNGER, SS
29	1	AW-725607	WASHER, DIAPHRAGM
30	1	AW-660302	RETAINER, MALE
31	1	AW-611323	SPRING, MAIN
32	1	AW-815105	RISER
33	1	AW-635310	SHAFT
34	2	AW-725609	WASHER, SHAFT
35	1	AW-635311	BONNET
36	1	AW-725611	DISC, LOCK
37	1	AW-714001	LOCK
38	2	AW-725608	WASHER, KNOB
39	1	AW-605004	KNOB, MAIN
40	1	AW-710611	NUT, 1/4" - 20 HEX, SS
41	1	AW-606329	LABEL, MAIN
42	1	AW-617006	PLUG HOLE, 11/16", BLK, NYLON
43	1	AW-712310	CUP
44	1	AW-8609	O-RING

*COMPONENTS 2-7 AVAILABLE AS KIT AW-021120

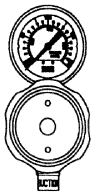
Western Medica

Gauge Orientation

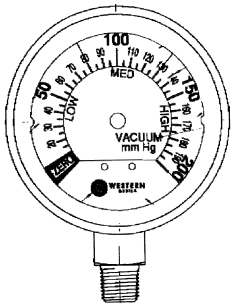




SIDE MOUNTED
GAUGE ORIENTATION

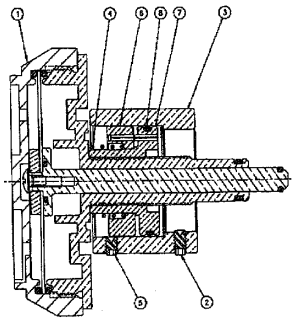


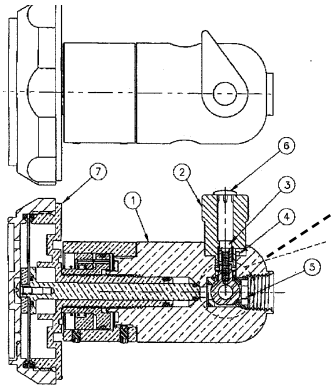
TOP MOUNTED
GAUGE ORIENTATION

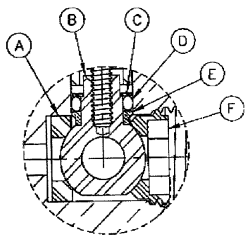


#34-MGB76
Suction Gauge 0-200mmHg
w/Full VAC
1/8 NPT Bottom mount

Item	Part #	Description
A.	#34-1970540	Teflon Seat
B.	#34-1970220	Ball
C.	#34-2780050	Teflon Washer
D.	#34-8000080	O-Ring
E.	#34-2530140	Collar
F.	#34-1970020	Keeper







Item	Part #	Description
1.	**#34-VR-100**	Diaphragm Ass'y
2.	**#34-SP-2-002**	Set Screw
3.	**#34-VR012**	Sleeve
4.	**#34-VR015**	Spring
5.	**#34-VR017**	Set Screw
6.	**#34-VR018**	Collar Stop Sub Ass'y
7.	**#34-VR019**	Nut Stop Sub Ass'y
8.	**#34-RO-022V**	O-Ring

Item	Part #	Description
1.	**#34-VR2004**	Regulator Body
2.	**#34-VR2100**	Shut-Off Knob
3.	**#34-VR2101**	Screw
4.	**#34-VR2102**	Straight Pin
5.	**#34-VR2103**	Valve Kit (See A - F)
6.	**#34-VR2104**	Knob Plug
7.	**#34-VR-101**	Vacuum Stop Assembly